

Lancaster Farming

VOL. 31 No. 36

Four Sections

Lancaster Farming, Saturday, July 5, 1986

\$8.50 per Year

Grass-Roots Makes Point at National Holstein Convention



Second high bid of the Century II Sale, \$73,000, went to Hilltop Hanover B Damara-ET. This bred heifer, sired by Valiant, sold to Pintail Point Farm, Queenstown, Md., along with a five pregnancies guarantee. She was consigned by Hilltop Hanover Farms, Yorktowne Heights, N.Y. See complete sale story and Thomas Kelly's story on A-26.

Seminar Explains Options Contracts

BY EVERETT NEWSWANGER
Managing Editor

LANCASTER-A seminar sponsored by Penn Ag Industries Association was held Monday afternoon to familiarize ag industry leaders with option contracts for grain and livestock.

William Barclay, marketing manager for ag and metal complexes of the Chicago Board of Trade, opened the seminar by equating grain and cattle option contracts with a theoretical example of a real estate transaction.

"Let's assume you want to buy some land for \$2,000 from a neighbor," Barclay said. "You don't have the cash now so your neighbor makes a proposal; I'll give you the right to buy that land

anytime during the next six months at \$2,000 per acre, but for that right to buy my land I want you to pay me \$100 today. So you buy that option to buy the land at \$2,000 per acre. Under what circumstances will you go ahead and

buy the land at the \$2,000 per acre price?" Barclay asked. "If the land goes up. Under what circumstances might you walk away from your option. If prices go down. What you have done with

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BY JOYCE BUPP AND
MARTHA GEHRINGER

MILWAUKEE, Wis. — The grassroots level of the Holstein-Friesian Association of America told the administration they want changes in the index system and in the financial management of the Association. These ideas were presented at the 101st Annual Meeting of the Holstein-Friesian Association of America held here earlier this week.

No longer will members of the Holstein Association readily approve increases in fees requested by the administration; increases in funding must be accompanied by administrative cutbacks.

The administration acknowledged the dissatisfaction of the membership and agreed to try to make appropriate changes.

A grassroots organization hoping to represent the feelings of the membership, the Breeders' Majority presented proposals to the annual meeting.

They proposed a re-evaluation of the current index system to account for maternal contribution, lifetime performance and dam-daughter comparison. In their resolution, the Breeders' Majority called for a "HFA board appointed committee to address these changes with 40 percent of the makeup of that committee to be named by the Breeders' Majority and that that committee be appointed at the next full meeting."

This resolution passed.

Two other proposals were presented at the Convention, but both were altered prior to approval.

The first, concerning increasing registration fees, read as follows: "That, effective November 1, 1986, the schedule of registration fees...be changed so as to establish minimum registration fees of \$6,

\$12, and \$18 for state and national members, national members and non-members, respectively, and an additional fee of \$3 for each month of age over 3 months up to 24 months."

On the recommendation of Marlin Hoff, Md., the membership agreed to increase the minimum registration fees by \$2, raising the fee from \$4 to \$6 with no other changes. This fee increase will raise approximately half of the anticipated deficit of \$1 million for the Association.

A general consensus of the membership was that fees could increase somewhat, providing there would be cutbacks on the administration's side.

The second proposal concerned transfers and read as follows: "The minimum fees for recording a transfer shall be applicable to every application received within 30 days after the date of change of

(Turn to Page A26)



Thomas W. Kelly

PFA Asks Employees To Take Short Furlough

CAMP HILL — To cut expenses and meet projected budgets, the Pennsylvania Farmers Association has asked the 182 full-time salaried and commissioned employees to take a 10 day unpaid furlough sometime before the end of the fiscal year. The layoff program allows the employees to take their days off from one-at-a-time to all-at-once.

According to Richard Newpher, Administrative Secretary for the largest state farm organization, the move was necessary solely because the lower than projected interest rates have cut the association's interest income from deposits of membership fees, farm management fees and prepaid insurance fees. "When we made the current budget, we expected interest rates to average around 12 percent. The present 6 percent

interest rate was unbelievable at the time," Newpher said. "We have sold more products, provided more management services and even increased membership. So our reduced income was totally the result of lower interest income on our interest bearing deposits," Newpher said. "The association is currently preparing a budget proposal to shorten expenses for the coming fiscal year. We will try to make cuts where the average member does not notice any decrease in service," Newpher said. "But we have an obligation to our members to manage the organization correctly and cuts will need to be made. While such a move has never been necessary before in the history of the PFA," Newpher said, "anyone working with agriculture today has experienced a little downward spiral in income."

"GIVE ME YOUR TIRED YOUR POOR YOUR
HUDDLE MAS'S YEARNING TO BREATHE
FREE, THE WRETCHED REFUSE OF
YOUR LIFE SHORE SEND THESE THE
HOMLESS TO ME I LIFT MY
LAMP BESIDE THE GOLDEN DOOR"



See Editorial Page 10

CCC Writing Checks Again

WASHINGTON D.C. — The Urgent Supplemental Appropriation Bill, authorizing \$5.3 billion to the CCC, was signed by the President on Wednesday, July 2.

Within the hour of the President signing the bill, checks were being written to make payments to farmers for such programs as the Conservation Reserve, disaster relief, the buyout program and routine CCC loans, according to Bill Wright of the ASCS.

Urgent appropriation bills like this are not uncommon, he added, to provide funds for programs that were underfunded or events eclipsed the original appropriations.

Livestock market and auction news

Some markets not covered by
PDA or USDA due to holiday

Lancaster Market

Monday, June 30

Report Supplied by USDA

Cattle Calves Hogs Sheep Goats
Monday's Receipts

1519 93 579 428 286

Monday's Auction

1620 126 583 398 320

Last Monday's Auction

2041 196 611 346 339

Last Year's Auction

1563 139 583 259 255

CATTLE: Compared to last Thursday slaughter steers steady to weak, instances 1.00 lower; slaughter heifers not fully tested; cows steady to .50 lower, instances 1.00 lower; bullocks and bulls fully steady. Supply included 73% slaughter steers, 4% slaughter heifers, 14% cows, and 9% bulls.

SLAUGHTER STEERS: High Choice and Prime 3 few 4 1100-1325 lb. 55.75-57.25, few lots 57.60-58.75; Choice 2-3 few 4 1050-1375 lb. 54.00-56.60, 3-4 1375-1450 lb. 52.50-54.50, few head mostly 4 51.00-52.50; high Good and low Choice 2-3 1050-1300 lb. 50.50-54.25; few Good 2-3 1000-1300 lb. 47.75-51.00; Good and Choice 1200-1400 lb. Holsteins 42.00-46.25, couple Choice 46.25-48.10, Standard and low Good 1150-1400 lb. 39.00-42.00.

SLAUGHTER HEIFERS: Few Choice 2-3 950-1125 lb. 51.00-53.00; few Good 2-3 850-1150 lb. 45.00-48.00.

COWS: Breaking Utility and Commercial 2-3 37.00-38.50, few 38.50-39.50; Commercial 2-4 beef breed 36.00-38.00, few 3-4 950-1050 lb. 33.50-35.50; Cutter and Boning Utility 1-3 35.50-37.50, few 37.50-38.50; Canner and low Cutter 32.50-35.00.

BULLOCKS: Choice 2-3 1050-1350 lb. 48.50-51.50, couple 51.50-53.25; Good 1-2 1000-1300 lb. 44.50-49.00.

BULLS: Yield grade 1 1300-2250 lb. 48.00-52.00, few 52.00-53.25; yield grade 2 1050-1550 lb. 43.75-48.50.

VEAL CALVES: Vealers mostly steady, although Choice not fully tested; slaughter calves steady. Demand good for Holstein bulls to return to farm. Supply included one lot Prime special fed 360 lb. bought to arrive at 120.00.

VEALERS: Individual Choice 330 lb. 90.00; high Good and low Choice 160-300 lb. 60.00-80.00, 120-160 lb. 52.00-65.00, 80-110 lb. 45.00-53.00, few 65-80 lb. 40.00-45.00.

SLAUGHTER CALVES: Good and Choice 300-500 lb. 50.00-60.00, few 60.00-65.00.

RETURNED TO FARM: Bulk 95-125 lb. Holstein bulls 80.00-100.00.

SHEEP: Spring lambs mostly steady; slaughter ewes firm to 3.00 higher, with 80-120 lb. weights 5.00-10.00 higher.

SPRING LAMBS: High Choice and Prime 80-110 lb. 75.00-79.00; Choice 40-60 lb. 75.00-85.00, 60-80 lb. 75.00-80.00, 80-105 lb. 72.00-75.00; few Good 75-95 lb. 65.00-72.00.

SLAUGHTER EWES: Utility and Good 80-120 lb. 28.00-40.00, 120-250 lb. 18.00-28.00.

GOATS: All goats sold by the head. Large mature 50.00-60.00, few 60.00-70.00; Medium 35.00-50.00; Small 20.00-35.00; few Plain 15.00-20.00.

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION

RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.

Out of State Buyers - Cash or Certified Check Only

Vintage Cattle

Tuesday, July 1

Report Supplied by USDA

Cattle Calves Sheep Goats

Today 1003 834 10 2

Last Tuesday 1575 675 42 0

Last Year 1346 964 4 5

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of
Fredericksburg
along Route 22
PHONE:
JONESTOWN
865-2881

Flea Market Auction
every Tuesday at 12:30.
Tools, Eggs, Produce,
etc.
Buyers & Sellers
Welcome

Lancaster Auction

Wednesday, July 2

Report Supplied by USDA

CATTLE: 300 (137 in auction).

Insufficient volume to fully test trends; small supply slaughter steers .50-1.00 higher; few cows weak to .50 lower. Supply included 71% slaughter steers and 23% cows.

SLAUGHTER STEERS: Choice few Prime 3 few 4 1160-1400 lb. 57.75-59.00; Choice 1300-1600 lb. Holsteins 45.00-48.25, few Good 1065-1240 lb. 43.00-44.00.

COWS: Cutter and Boning Utility 1-3 34.00-36.75, couple high yielding 38.00; Canner and low Cutter 32.50-33.50.

VEAL CALVES: 15. Market not fully tested.

SHEEP: 6. No market test.

GOATS: None.

Lebanon Valley Livestock

Fredericksburg, PA

Tuesday, July 1, 1986

Report supplied by PDA

CATTLE 185. Compared with last Tuesday's market: Sl. steers 54.00-55.75 one at 53.00, Good 48.25-52.75; Good & Choice holsteins 45.50-46.75, Standard 43.75-46.00 few Utility 39.60-42.50; few Good heifers 47.10-49.50, few Standard 41.75-45.00; Breaking Utility & Commercial sl. cows 37.00-49.00 few 41.00, Cutter & Boning Utility 34.85-36.75, Canner & low Cutter 32.00-35.00, Shells down to 26.75; few YG 1 1260-1445 lb. sl. bulls 46.00-49.10; few YG 2 925-1635 lbs. 39.25-44.50.

FEEDER CATTLE: Steers, Large Frame 2 400-700 lbs. 45.00-48.00; Heifers Medium & Large Frame 2 300-525 lbs. 36.00-43.00; Bulls few Medium Frame 1 530-670 lbs. 45.00-47.50.

CALVES: 234. Vealers uneven, spots 2.00 lower. Choice 61.00-75.00 with one at 86.00, Good 56.00-60.00; Standard & Good 90-120 lbs. 48.00-56.00, 65-85 lbs. 42.00-47.00; Utility 50-90 lbs. 32.00-48.00.

FARM CALVES: Hol. bulls 90-120 lbs. 56.00-99.00, mostly 80.00-98.00; holstein heifers 90-135 lbs. 55.00-75.00.

HOGS: 159. Barrows & Gilts steady. 2 lots 1-2 221 & 234 lbs. 57.10; 1-3 215-235 lbs. 56.00-57.00; 2-3 215-235 lbs. 56.35-56.50; 1-3 165-185

B&R CATTLE CO.

RD 1, Marietta, PA

17547

Office Phone:

(717) 653-8184

Specializing In
Stockers &
Feeders

JOHN BOWMAN

Ph: (717) 653-5728

RON RANCK

Ph: (717) 656-9849



VINTAGE SALES STABLES, INC.

Sale Every Tuesday
10:30 A.M.

Slaughter Cattle Auction -
Steers, Bulls, Heifers, Cows,
Feeder Cattle.

Get calves in early. We start to grade and weigh at 2:00.

Business Phone
717-768-8204

Home Phone
215-458-8518

L. Robert Frame, Manager
Box 100 Paradise, PA

10 miles East of Lancaster on Rt. 30

lbs. 43.00-45.00; Sows uneven, heavyweights 1.00 higher. 1-3 315-485 lbs. 38.50-43.50, 575-740 lbs. 44.00-45.00; 2 Boars 31.00 & 37.50.

FEEDER PIGS: 11. US 1-3 20-30 lbs. 90.00-92.00 per hundredweight.

SHEEP: 18. Choice 60-90 lb. springs lambs 60.00-63.00, few Good 40-55 lb. feeder lambs 53.00-59.00.

SL. EWES: 20.00-45.00.

GOATS: 3. 31.00-41.00 per head.

Westminster Livestock Auction

Hagerstown, Md.

Tuesday, July 1

Report supplied by auction

SLAUGHTER COWS: 1.50 lower. High Yield few 38.00-40.00; Utility 33.50-37.50; Cannors 31.00-34.00; Shelly 30.00-Down. Bulls- Steady. Good 1200-2100 lb. 44.00-46.75. Fed Steers- Few Choice 53.00-54.25; Good 44.00-48.00; Standard 36.00-42.00. Veal Calves- Prices steady. Choice None offered; Standard-Good 48.00-60.00; Stocky 40.00-45.00; Killers 80-100 lb. 44.00-51.00; Weak/Rough 40.00-down. Farm Calves- Holstein Bulls 100-125 lbs. 70.00-85.00, few to 90.00; 90-95 lb. 55.00-75.00. Holstein Heifers- Several 100-125 lbs. 55.00-60.00. Butcher Hogs- \$1 lower. US #1 & 2 215-240 lb. 57.00-57.60; 240-260 lb. US 1 & 3 55.00-56.50; 290-310 lb. 40.00-46.25. Sows- Good demand, \$2 higher. 500-725 lb. 42.75-44.25; 400-500 lb. 42.00-43.50.

STOCK CATTLE: 65 head. Steers- No choice offered. 300-700 lbs. Med. to Good 45.00-51.50; Holsteins 300-750 lbs. 36.00-45.50. Heifers- 300-700 lbs. medium 36.00-42.00. Bulls- 300-500 lbs. Good, 48.00-54.00; 1 825 lbs. to 58.00. Lambs- 50 head, all prices per pound. Few 30-40 lbs. 70.00-75.00, small breeds 40-80 lbs. 53.00-59.00, Good Feeders 60-85 lbs. 60.00-65.00, Choice 90-115 lbs. 63.00-66.00. **SHEEP-** 15 head. Good 20.00-25.00; Fat 10.00-16.00. Goats- 30 head, prices per head. Large mature 45.00-55.00; med. 30.00-44.00; small 20.00-30.00. Pigs and Shoats- 153 head, strong demand. By the head: 22-30 lbs. 30.00-39.50; 35-55 lbs. 32.00-45.00; 65-70 lbs. 40.00-50.00; 8 head 98 lbs. 58.00. By the lb.: 90-100 lbs. 61.00-62.00; 105-145 lbs. 54.00-60.00; 165-190 lbs. 48.00-48.50. Stock Boars- 175-250 lbs. 37.00-40.00. Few bred sows 150.00-165.00 per head.

Belleville Livestock

Belleville, Pa.

July 2, 1986

Report supplied by PDA

CATTLE: Compared with last Wednesday's market sl. cows .50 to 2.00 lower. One Good sl. steer 52.00; Breaking Utility & Commercial sl. cows 35.00-37.85, one 39.10, Cutter & Boning Utility 34.00-37.25, Canner & low Cutter 31.75-34.25, Shells down to 30.00; few YG 1 1080-1745 lb. sl. bulls 42.50-45.00.

CALVES: 125. Good & Choice vealers 55.00-67.00; Standard & Good 75-100 lbs. 47.00-54.00; Utility 60-80 lbs. 40.00-47.00.

FARM CALVES: Hol. bulls 90-130 lbs. 52.00-86.00.

HOGS: 33. Barrows & Gilts 1.00 to 1.50 higher. Few 2-3 205-230 lbs. 60.85-61.50; few 1-3 350-540 lb. Sows 38.00-43.00; few Boars 35.00.

FEEDER PIGS: 343. US 1-3 20-35 lbs. 31.00-40.00 per head, 35-55 lbs. 40.00-50.00, lot 65 lbs. 60.00; Utility 25-35 lbs. 23.50-33.50 per head.

SHEEP: 71. Good & Choice 55-115 lb. sl. lambs 66.00-78.00.

SL. EWES: 13.00-28.00.

GOATS: 30. Medium & Large 23.00-43.00 per head.

Belknap Livestock

Dayton, Pa.

Wednesday, July 2

Report Supplied by PDA

CATTLE 64. Compared with last Wednesday's market sl. cows .50 to 1.00 lower. Choice sl. heifers at 47.50, one Good at 46.00; few Breaking Utility & Commercial sl. cows 36.25-40.00, few YG 34.00-35.25, Cutter & Boning Utility 35.00-39.00, Canner & low Cutter 28.75-34.50; YG 1 sl. bulls 1030 lbs. at 45.00, 1660 lbs. at 50.00.

FEEDER CATTLE: Heifers few Medium & Large Frame 2 605-760 lbs. 36.75-38.50.

CALVES: 98. Standard & Good vealers 90-110 lbs. 47.50-54.00, 65-86 lbs. 40.00-50.00; few Utility 45-65 lbs. 35.00-40.00.



HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, June 30, 1986

Report supplied by auction

HOGS: Compared to last Wednesday barrows and gilts mostly steady, instances .50 higher; sows steady to 1.50 higher, with weights over 500 lb. 6.00-7.00 higher.

BARROWS AND GILTS: US 1-2 210-245 lb. 59.75-60.50; US 1 Around 20 head 210-245 lb. 62.00-65.00; US 1-3 210-250 lb. 59.00-59.75; US 2-4 220-255 lb. 58.00-59.00, 255-270 lb. 53.00-57.00.

SOWS: US 1-2 350-500 lb. 37.00-43.00; US 1-3 500-650 lb. 46.00-48.50.

Tuesday, July 1, 1986

Today 165
Last Tuesday 126
Last Year 274

TREND: Compared to Monday barrows and gilts .75-1.00 lower.

BARROWS AND GILTS: US 1-2 220-245 lb. 59.00-59.75; US 1-3 220-250 lb. 58.00-59.00, 17 head 263 lb. 56.00; US 3-4 18 head 269 lb. 51.50.

Wednesday, July 2, 1986

HOGS: 250. Compared to Monday barrows and gilts .75-1.00 lower, or mostly steady with Tuesday's small supply.

BARROWS AND GILTS: US 1-2 210-245 lb. 59.00-59.75; US 1 20 head 210-245 lb. 60.00-62.00; US 1-3 210-255 lb. 58.00-59.00; US 2-4 200-255 lb. 55.00-57.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, June 28, 1986

Report supplied by auction

806 head.

U.S. 1 200-250 lbs., 62.50-64.75.

U.S. 1&2: 200-240 lbs., 61.50-62.50.

U.S. 1&3: 195-230 lbs., 60.00-61.50.

US 2&4: 200-250 lbs., 59.00-60.00.

Sows: 300-500 lbs., 40.00-45.75;

500-610 lbs., 46.25-48.25.

Boars: 300-780 lbs. 34.50-36.75;

300 down 40.00-41.75.

Indianapolis Hogs

Wednesday, July 2, 1986

400. Barrows & gilts moderately active, mostly .50 lower, instances 1.00 lower.

BARROWS AND GILTS: US 1-2 225-255 lb. 57.50-58.00; US 2-4 few 220-255 lb. 57.00-57.50.

Sows slow steady to 1.00 lower. (7%).

SOWS: Us 1-3 460-550 lb. 45.00-47.00.

Vintage Hogs

Paradise, PA

Saturday, June 28, 1986

Report supplied by Auction

151 hd. Trend approximately 3.00 higher.

15 and 20, 225-260 lbs., 50.00-61.00;

Sows, 195-605 lbs., 36.75-42.50;

Boars, 135-745 lbs., 35.00-38.00.

State Graded Feeder Pig Sale

Westminster Livestock
June 27, 1986

1,554 PIGS- Last Month 1,462, Compared to May's sale prices were fully \$8-15.00 higher, extremes \$25.00 higher on 40-50 lb. pigs. Bidding was active from a large crowd. All pigs weighed on arrival and sold by the pound.

1&2: 301 lds. 31-19 lbs. 108.00-130.00; 274 lds. 41-49 lbs. 98.00-118.00; 121 lds. 50-58 lbs. 93.00-98.00; 183 lds. 60-66 lbs. 90.00-97.00; 106 lds. 70-75 lbs. 76.00-85.00.

1: 36 lds. 44 lbs. 126.00; 216 lds. 43-49 lbs. 102.00-117.00; 74 lds. 53-57 lbs. 100.00-105.00; 4 lds. 99 lbs. 63.00.

2: 38 lds. 24-28 lbs. 101.00-129.00; 68 lds. 40-53 lbs. 95.00-104.00; 7 lds. 69 lbs. 73.00.

2&3: 105 lds. 30-39 lbs. 99.00-126.00.

NEXT SALE JULY 25TH, 1:30 P.M.

Lancaster Feeder Pigs

Tuesday, July 1, 1986

Today 65
Last Tuesday 47
Last Year 597

TREND: Insufficient volume for a market test. All pigs weighed on arrival and sold by the hundred weight.

US 2 32 hd. 18-28 lbs. 106.00-112.00; 6 hd. 32 lbs. 104.00.

US 2-3 11 hd. 39 lbs. 85.00.

New Holland Hogs

New Holland Sales Stables

New Holland, PA

Monday, June 30, 1986

Report Supplied by Auction

Today 1233
Last Monday 853
Last Year 1183

TREND: Compared to last Monday barrows and gilts 2.00-3.00 higher.

BARROWS & GILTS: US 1-2 215-250 lb. 61.50-62.50, Few 60.25-61.50, 195-210 lb. 58.00-60.00.

US 1 210-250 lb. 63.00-63.75.

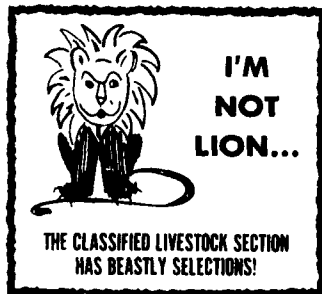
US 1-3 210-260 lb. 58.50-60.50.

New Holland Feeder Pigs

Wednesday, July 2, 1986

Report supplied by Auction

1148 head. US 1&2 24-28 lbs. 1.20-1.28; 30-39 lbs. 1.00-1.16; 40-49 lbs. 95.00-109.00; 50-59 lbs. 86.00-103.00; US 2&3 30-39 lbs. 90.00-93.00; 45-58 lbs. 80.00-90.00.



U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Thursday 7/2/86			
Week To Date (Est.)			
419,000	36,000	817,000	55,000
Same Pd. Lt. Wk. (Est.)			
405,000	36,000	787,000	55,000
Same Pd. Lt. Yr. (Act)			
380,000	36,000	855,000	69,000

Note: These are figures for first three days only.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily Closing bids: Friday, June 28 through Wednesday, July 2.)

CORN

	FRI.	MON.	TUES.	WED.
JULY	2.25	2.17½	2.07½	2.09½
SEPT.	1.89½	1.84	1.81½	1.84
DEC.	1.86½	1.82½	1.81	1.82½
MARCH '87	1.95½	1.91½	1.90½	1.92
MAY '87	2.00	1.96	1.95½	1.97½
JULY '87	2.01	1.97½	1.97	1.98½

SOYBEANS

	FRI.	MON.	TUES.	WED.
JULY	5.18½	5.10½	5.08½	5.14½
AUG.	5.10½	5.02½	4.99½	5.04½
SEPT.	4.97½	4.88½	4.86	4.91
NOV.	4.93½	4.84½	4.84	4.88½
JAN. '87	5.01½	4.93½	4.92½	4.96½
MAR. '87	5.11½	5.03½	5.02½	5.06
MAY '87	5.18½	5.10	5.09	5.13
JULY '87	5.21½	5.12	5.12½	5.15½

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.
AUG.	57.10	56.70	57.07	57.52
OCT.	56.07	55.30	55.62	55.85
DEC.	56.37	55.85	56.12	56.47
FEB. '87	54.92	54.10	54.30	54.87
APR. '87	56.45	55.60	56.20	56.45
JUNE '87	56.90	56.25	56.50	57.05

WHEAT

	FRI.	MON.	TUES.	WED.
JULY	2.56½	2.51½	2.46½	2.45½
SEPT.	2.51½	2.46	2.40½	2.41½
DEC.	2.57½	2.51½	2.45½	2.46½
MAR. '87	2.55½	2.49½	2.43½	2.44½
MAY '87	2.44½	2.39	2.34½	2.34½
JULY '87	2.32	2.29½	2.26½	2.26½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.
JULY	146.70	145.80	144.70	145.80
AUG.	144.20	142.80	142.20	143.00
SEPT.	142.00	141.00	140.20	141.30
OCT.	140.50	138.70	138.70	139.90
DEC.	142.70	140.80	140.70	142.10
JAN. '87	144.00	140.80	141.80	142.70
MAR. '87	146.00	144.00	144.60	145.30
MAY '87	148.50	146.50	147.00	148.20

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.
JULY	58.77	58.50	58.25	59.67
AUG.	56.47	56.07	56.32	57.82
OCT.	50.95	50.12	50.65	52.15
DEC.	51.52	50.40	50.42	51.72
FEB. '87	49.32	48.40	48.37	49.25
APR. '87	44.75	43.42	43.27	44.25
JUNE '87	45.80	44.95	44.50	45.55

ATTENTION COW CONSIGNORS

We Need Cows For Wednesday's
Market. Cows Arriving By 10:00 A.M.
Will Be Sold By Noon.

FEEDER PIG SALE

Every Tuesday, Starting at 1:00 P.M.

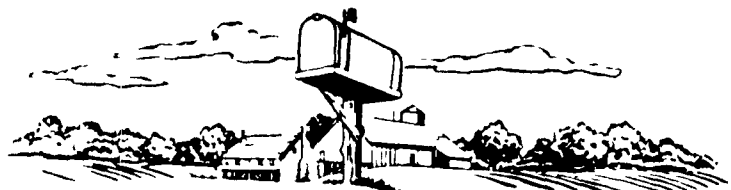
PLEASE NOTE: All pigs to be graded MUST BE here
by 11:30 A.M.

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With The Times



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POULTRY MARKETS



Philadelphia Eggs

Wednesday, July 2, 1986

Report Supplied by USDA

Market Comment: Prices were higher on the large size; unchanged on mediums. Distributive movement was moderate to good, and traders were in the midst of shipping ahead of normal schedules due to downtime for the holiday. Graded supplies of large and extra large were in good balance to mostly cleared. Mediums were irregularly balanced but ample overall and often noted as difficult to clear. Inquiry for gradable receipts was centered no packs yielding large and heavier weight sizes. Breaker interest was spotty.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 61½-67; A Large 59½-65; A Medium 47-49.

New York Multiple Drop Broiler Report

Wednesday, July 2, 1986

Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range U.S. Grade A 63-72.

Weighted AVG.; U.S. Grade A 69.12.

Premium (X) Boxes 10,293

(X) Includes special services, selected competitive brands, etc.

Heinsey's Poultry Report

Roots, East Petersburg

Tuesday, July 1, 1986

Report supplied by auction

Muscovy Ducks, Drakes: range 1.68-1.82 per lb.

Muscovy Ducks, Hens: range 1.62-1.74 per lb.

Pekin Ducks: range .50-.72 per lb.

Pullets: 5-7 lbs. range .42-.52 per lb.

Red Fowl: 4-4½ lbs. range .20-.32 per lb.

Red Fowl: 5-6 lbs. range .30-.48 per lb.

Crossbred Fowl: 5-9 lbs. range .20-.42 per lb.

Crossbred Roosters: 4-6 lbs. range .50-.82 per lb.

Crossbred Roosters: 7-11 lbs. range .20-.62 per lb.

Guinea Fowl: range 3.20-3.60 per lb.

Banty Roosters: range 2.50-5.00 ea.

Banty Hens: range .25-1.25 ea.

Leghorn Hens: .10-.18 per lb.

Leghorn Roosters: .24-.28 per lb.

Geese: 7-10 lbs. range .28-.42 per lb.

Pigeons: range .85-1.35 ea.

White Pigeons: range 2.50-3.75 ea.

Silgies: range 5.00-7.00 ea.

Doves: range 1.75-2.50 ea.

Chukars: range 4.00-4.70 ea.

Rabbits: 4-6 lbs. range .40-.68 per lb.

Rabbits: 7-11 lbs. range .30-.48 per lb.

Bunnies: .25-.75 ea.

Guinea Pigs: range .10-2.25 ea.

Goats: range 25.00-44.00 ea.

Kid Goats: range 18.00-28.00 ea.

Total Number Coops: 914.

Delmarva Poultry

Wednesday, July 2, 1986

Market Comment: Movement of ready to cook whole birds was brisk in most quarters. Offerings ranged adequate to short. In addition to extra product moving for the upcoming holiday, shipping schedules were being advanced. Inquiry for legs, wings and leg quarters remained active, and clearances were easy at most plants. Demand in the breast complex was irregular but usually reflected improvement. Cutlets were easier to move than past several days while breasts remained under pressure. Less than trucklot asking prices were one cent higher at 67-73 cents. Live supplies were moderate to light. Weights were generally light to desirable. The undertone was firm.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 7/2 1,949,000; Actual 6/25 2,004,000.

Actual 6/30 2,001,000.

Average Weights 6/30 4.33, 6/23 4.30.

Eastern PA and NJ Poultry

Wednesday, July 2, 1986

Report Supplied by USDA

Market Comment: Prices held unchanged to slightly higher. Off-

Weekly New York Egg Market Northeast Quotes

From Friday, June 27 to Wednesday, July 2

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.80	.80	.80	.81	
Ex. Large	.70	.70	.70	.71	
Large	.67	.67	.67	.69	
Medium	.54	.54	.54	.53	
Pullets	.43	.43	.43	.42	
Off Grade	.58	.58	.58	.58	
BROWN					
Ex. Large	.80	.80	.80	.80	
Large	.78	.78	.78	.78	
Mediums	.57	.57	.57	.57	
OFF GRADE					
Undergrades	.31	.31	.31	.31	
Checks	.29	.29	.29	.29	

Breaking Stocks

48-50 lbs. 37.00-39.00.

N.E. Weekly Shell Egg Report

Tuesday, July 1

Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.79-.83	.77-.81	.60-.64	.38-.42
Mostly	.81-.82	.79-.80	.62-.63	.40-.41
R.I.	.82-.86	.80-.84	.62-.67	.41-.45
Mostly	.82	.80	.63	.41
VERMONT	.90-.95	.85-.93	.70-.76	
Mostly	.90	.85	.70	
MAINE	.86-.88	.84-.86	.62-.69	.45-.47

farm movement had tapered but was still adequate, especially in light of reduced schedules for the holiday and one plant closing for a week's vacation. Demand was light to fair for both receipts and finished product. The undertone was unsettled but relatively steady.

Prices Paid at Farm:

Light Type Hens: 5-7, mostly 6.

F.O.B. Plant: 8-9.

Four States Livestock

Hagerstown, Md.

Wednesday, July 2

Report supplied by Auction

SLAUGHTER: Fed Steers & Heifers. Steady. Good 49.00-52.00; Medium 48.00-Down. Heifers- Good 47.00-50.50; Medium 42.00-46.00 Cows- \$1 lower. High Yield 37.00-39.25; Average 33.00-36.00; Big Middle 29.00-32.00; Fatty Herf 28.00-32.00; Shelly 30.00-Down. Fat Bulls- Steady. Good 45.00-46.25; Medium 41.00-44.00. Veal Calves Mostly Steady. Farm Calves \$1 lower. Good 60.00-64.00; Medium 52.00-59.00; Farm Bulls 65.00-75.00 Light Calves 43.00-51.00; Weal Calves- 42.00-Down. Lambs Steady. Choice & Good 64.00-67.50; Medium 57.00-63.00.

STOCKER: Steady prices

Steers- 300-550 lbs. Choice 57.00-60.00; Good 52.00-56.00; Medium 45.00-51.00; Culls 44.00-Down Steers- 600-850 lbs. Choice 55.00-59.00; Good 49.00-54.00; Medium 48.00-Down. Heifers- (All Weights) Choice 47.00-48.50; Good 42.00-46.00; Medium 37.00-41.00 Springing Heifers- to \$560. Pigs Hd.- \$2 Higher. 20-35 lbs. 27.00-34.00; 40-60 lbs. 35.00-45.00. Shoats by Lb.- 45.00-51.00. Slaughter Hogs- Few offered. 210-255 lbs. US 2 54.50-55.00. Sows- 400-510 lb. 40.00-43.00; Thin 32.00-39.00. Bulls- Choice 54.00-57.00; Good 46.00-53.00; Medium 40.00-45.00.

Joliet Weekly

Tuesday, July 1

Report supplied by USDA

Sales this week 900; last week 873; a year ago 984. Trading slow to moderate for the week, slaughter steers and heifers ended the week unevenly steady.

SLAUGHTER STEERS: Choice 2-4 1050-1350 lbs. 56.50-58.50; Choice 3-5 1175-1425 lbs. 55.00-56.25, one load Monday 57.00; Mixed Good & Choice 2-3 1000-1250 lbs. 54.50-57.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1200 lbs. 56.50-58.00 Monday; Mixed Good & Choice 2-3 900-1050 lbs. 53.00-56.00.

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60 to 125 Lbs.	#621 15% Hog Developer	188 lbs.	\$152.88* Net/Ton	\$14.37
125 to 220 Lbs.	#631 14% Hog Finisher	360 lbs.	\$145.08* Net/Ton	\$26.11
Total Gain 180 lbs	TOTAL FEED	604 lbs. **	COST PER PIG	\$45.60

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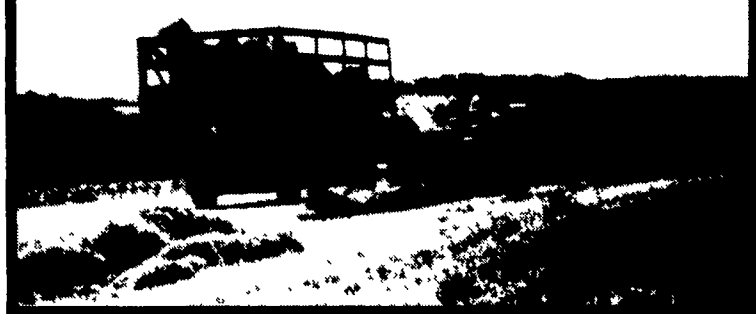
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HAY MARKETS



Pa. Grain

Monday, June 30

Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 4 cents lower; Wheat steady to 10 cents lower; Barley steady; Oats mostly steady to 2 cents higher; Soybeans steady to 7 cents lower; Ear Corn steady to \$1 lower.

PRICES PAID DELIVERED TO DEALERS DOCK- (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.45-2.75, average 2.61; *Contract for Harvest 1.83-1.87; @Wheat No. 2 range 2.50-2.67, average 2.56; Barley No. 3 range 1.20-1.40, average 1.30; Oats No. 2 range 1.10-1.25, average 1.14; Soybeans No. 1 range 4.70-4.75, average 4.73; *Contract for Harvest 4.69-4.73; *Gr. Sorghum #2 (New Crop), average 1.85; *Contract for Harvest 1.85; Ear Corn range 67.00-76.00, average 71.39.

Central Pennsylvania

Corn No. 2-y range 2.40-2.70, average 2.54; @Wheat No. 2 range 2.40-2.80, average 2.58; Barley No. 3 range 1.20-1.35, average 1.29; Oats No. 2 range .90-1.20, average

1.04; Soybeans No. 1 range 4.50-4.80, average 4.63; Ear Corn 60.00-68.00, average 64.13.

South Central Pennsylvania

Corn No. 2-y range 2.50-2.80, average 2.56; @Wheat No. 2 2.35-2.55, average 2.40; Barley No. 3 range 1.20-1.40, average 1.28; Oats No. 2 1.00-1.20, average 1.18; Ear Corn range 65.00-71.00, average 67.00.

Western Pennsylvania

Corn No. 2-y range 2.45-2.60, average 2.47; @Wheat No. 2 range 2.60-2.80, average 2.70; Oats No. 2 range 1.00-1.20, average 1.12; Ear Corn range 60.00-62.00, average 60.67.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.40-2.75, average 2.57; @Wheat No. 2 range 2.35-2.80, average 2.51; Barley No. 3 range 1.20-1.40, average 1.29; Oats No. 2 range 1.00-1.25, average 1.12; Soybeans No. 1 range 4.50-4.80, average 4.63; Ear Corn range 60.00-76.00, average 67.51.

Month Ago

Corn No. 2-y range 2.58; @Wheat No. 2 range 3.01; Barley No. 3 range 1.56; Oats No. 2 range 1.16; Soybeans No. 1 range 4.83; Ear Corn range 67.72.

Year Ago
Corn No. 2-y average 2.76; @Wheat No. 2 average 3.17; Barley No. 3 average 1.61; Oats No. 2 average 1.67; Ear Corn average 75.57.
@Light garlicky & better; **44% Protein Bulk; UC unchanged; *Few Reported; #Average Moisture; +Per Hundredweight Recleaned 15%.

Regional Hay

Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better, prices paid by dealers at the farm and per ton.) - Hay mostly steady; Straw steady; old crop about finished.

Alfalfa 60.00-75.00, few 90.00 (few old crop 65.00-90.00); Mixed Hay 50.00-60.00, few 85.00 (few old crop 50.00-75.00); Timothy Hay 50.00-60.00, few 80.00 (few old crop 55.00-70.00); Straw 50.00-70.00; Mulch 20.00-30.00.

Lancaster Co.
Auctions

SUMMARY OF LANCASTER CO. HAY AUCTION For Week Ending June 27, 1986 - PRICES PER TON: LOADS-128 Hay, 45 Straw and 33 Ear Corn.

Alfalfa 70.00-100.00, few down to 54.00; Mixed Hay 54.00-95.00; Timothy Hay 56.00-90.00; Straw 50.00-82.00; Ear Corn 74.00-83.00.

Leinbach's Hay

Shippensburg, PA

Tuesday, July 1, 1986

Report supplied by Auction

14 loads.

Alfalfa, 65.00-95.00; Mixed Hay, 35.00-120.00; Timothy, 70.00-95.00; Ear Corn, 78.00-80.00; Oats, 1.10 bu.; Barley, 1.35 bu.

New Holland Hay

Monday, June 30, 1986

New Holland Sales Stables
New Holland, PA

Report Supplied by Auction

89 loads.

Alfalfa, 52.00-134.00; Timothy, 72.00-100.00; Mixed Hay, 68.00-104.00; Straw, 66.00-92.00; Corn, 73.00-87.00.

Orchard Grass, 80.00; Oats, 1.15-1.85 bu.

Keister's Hay

Keister's Middleburg Auction

Tuesday, July 1

Report supplied by auction

19 loads Hay. Mixed Hay, 40.00-70.00; 2 lds. Straw, 45.00-57.50; 7 lds. Ear Corn, 70.00-80.00; 2 lds. Oats, 1.33-1.36 bu.

Dewart Hay

Dewart, PA.

Monday, June 30, 1986

Report Supplied by Auction

7 loads Hay, 29.00-56.00; 3 lds. Straw, 40.00-46.00; 2 lds. Corn, 66.00-70.00.

Green Dragon Hay

Ephrata, PA

Friday, June 27

Report supplied by Auction

67 loads.

Mixed Hay, 60.00-110.00; Timothy, 68.00-95.00; Orchard Grass, 90.00; Clover, 55.00; Alfalfa, 58.00-100.00; Straw, 64.00-82.00; Corn, 75.00-82.00; Oats, 1.20-1.90 bu.

Carroll Co. Hay

Westminster, Md.

Tuesday, July 1, 1986

Report supplied by auction

3 loads. Demand was good. Alfalfa, Mixed and New, 75.00-101.00; Timothy and Clover Old, 100.00.

Hay sale will continue throughout the summer months.

Good's Hay

Leola, Pa.

Wednesday, July 2, 1986

Report Supplied by Auction

47 loads.

Alfalfa, 86.00-124.00; Mixed Hay, 64.00-120.00; Timothy, 69.00-118.00; Straw, 56.00-89.00; Corn, 75.00-85.00; 2 lds. Oats, 1.55 and 1.40 bu.

Belleville Hay

Belleville, PA

Wednesday, July 2

Report supplied by Auction

13 loads Hay, 60.00-85.00; 1 ld. Corn Fodder, 20.00; Oats, 1.20-1.45 bu.

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MONDAY

FAT



HOGS

EARLY BIRD HOG SALE

7:30 AM

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES



MULES

11:00 AM



HAY
STRAW
GRAIN



1:30 PM
BEEF SALE
CALF, SHEEP,
GOATS

WEDNESDAY

12:00 NOON

DAIRY



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HEIFERS, BULLS

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WEDNESDAY
FEEDER PIG
SALE
1:30 P.M.



We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

10:00 AM

BULLS -

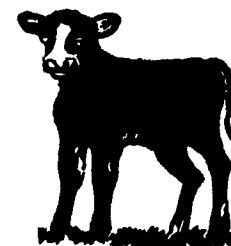


STEERS -
BEEF COWS

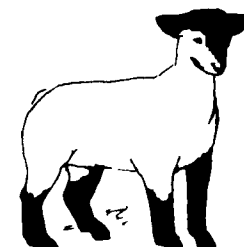


2:30 P.M.

CALVES



SHEEP
GOATS



Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

**Some markets not covered by
PDA or USDA due to holiday**

**Central U.S.
Carlot**

Beef Report
Wednesday, July 1
Report supplied by USDA
Compared to Monday's 3:30 P.M. report, choice steer and heifer carcasses \$2.00-3.00 lower, holstein type steers steady. No sales of good or choice YG 4 reported, but weaker undertone prevails. Afternoon demand light, trading light to moderate on moderate to heavy supplies.
Sales reported on 87 loads of steer and heifer carcasses.
Steer Carcasses:
(58 Loads Reported)

FOB Omaha Basis
Choice 3
600-900 lbs. 7 lds. range 88.00-89.00, latest estb. mkt. 88.00.
Choice 2
600-700 lbs. 8 lds. range 89.50-90.50, latest estb. mkt. 90.00-90.50.
Choice 4
600-900 lbs. latest estb. mkt 77.00-78.00 A.
Good 1-3
600-900 lbs. latest estb. mkt. 82.00 B.
600-700 lbs. 40 lds. range 79.50-80.50, latest estb. mkt. 80.00-80.50.
Holstein Type-
Choice 1-3
600-900 lbs. 2 lds. range 77.50, latest estb. mkt. 77.50.

Good 1-3
600-900 lbs. 1 ld. range 71.50, latest estb. mkt. 71.50.
Heifer Carcasses
(29 Loads Reported)
FOB Omaha Basis
Choice 3
500-800 lbs. 7 lds. range 87.00, latest estb. mkt. 87.00.
500-550 lbs. latest estb. mkt. 83.00-85.00 A.
400-500 lbs. latest estb. mkt. 82.00-84.00 A.
Choice 2
600-700 lbs. 4 lds. range 88.00-88.50, latest estb. mkt. 88.00-88.50.
Choice 4
500-800 lbs. latest estb. mkt. 77.00-78.00 A.
Good 1-3
550-700 lbs. latest estb. mkt. 76.00-80.00 B.
600-700 lbs. 18 lds. range 77.50-79.50, latest estb. mkt. 78.00-78.50.
Steer and Heifer
Primal Cuts

(6 loads reported)
Heifer Hinds
119-167 lbs. 6 lds. range 115.00-116.00, latest estb. mkt. 116.00.
Fores
131-183 lbs. latest estb. mkt. 68.00 C.
Cow and Bull Carcasses
(9 Loads Reported)
Midwest: Cutters steady to firm in thin test.
Eastern Texas and Oklahoma:
Sales In The Midwest Production Area:
FOB Omaha Basis
Util, Brkg 2-4 450/Up# 61.00 D.
Util, Bng 2-4 400/Up# 65.00 C.
Cutter 1-2 350/Up# 3 lds. 74.50.
400/Up# 6 lds. 76.50.
Bull 1-2 600/Up# 82.00-83.00 C.
Sales in Eastern Texas and Oklahoma Production Areas:
FOB Plant Delivered Plant
Util, Bng 1-3 400/Up# 66.00-67.50 D.

Cutter 1-2 350/Up# 75.00-76.00 D.
Bull 1-2 600/Up# 81.00-81.50 D.
Boneless Processing Beef
Beef Trimmings
(74 Lds. Reported)
FOB Omaha Basis
90% Chem Lean fresh 105.00-106.00 C, frozen 105.00-106.50 D.
85% Chem Lean fresh 96.00-97.50 D.
75% Chem Lean 4 lds. fresh 74.00-75.00.
50% Chem Lean 70 lds. fresh 41.00-44.00, M 42.00.
Eastern Texas/Oklahoma Production Areas-FOB Plant
90% Chem Lean fresh 105.00-106.00 D, frozen 105.00-106.00 D.
85% Chem Lean fresh 95.00-96.00 D, frozen 95.00 D.
75% Chem Lean fresh 73.00-75.00 D.
ABCDE After Market Quotes Represents Days Since Last Actual Reported Sales. Quotes After Five Days Will Be Dropped.

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Livestock Sales**

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**COWS COWS COWS
SALE EVERY FRIDAY**

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
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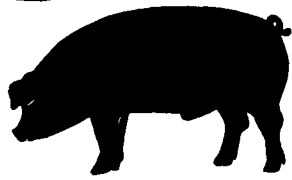
For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSE, Proprietor

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(Office)
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Wants To Be Worthy Of Your Business**



For More Information Phone:
717-653-1102
Monday - Friday 8:30 AM - 4:00 PM



THE OLD FARMER'S ALMANAC

JULY 7-13, 1986

Rolling thunder and peas in season.

Gather herbs for drying now. Baseball Hall of Famer Satchel Paige born in Mobile, Ala., July 7, 1906. Average length of days for the week, 15 hours, 6 minutes. Wyoming admitted to the union as the 44th state, July 10, 1890. American author and transcendental philosopher Henry David Thoreau born in Concord, Mass., July 12, 1817. *Nature loves nothing that is solitary.*



Ask the Old Farmer: My father grew up in Massachusetts. On the morning of my birthday, he used to rub a bit of butter on my nose. Why? E.W. Beaumont, Texas. *To anoint with butter was an act significant of well-wishing or deep respect in very ancient times. Our folks did it too but we doubt if they realized that it was an ancient rite.*

Home Hints: To soften hardened paintbrushes, simmer them for a few minutes in boiling vinegar then wash them in soapy water.

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week clear, seasonably warm, midweek thundershowers, cool, end of week sunny and hot.

Greater New York-New Jersey: Sunny and mild at week's beginning, midweek thundershowers, heavy south, end of week showers.

Middle Atlantic Coastal: Week begins sunny and mild, thundershowers midweek, end of week showers with warm temperatures.

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Greencastle Livestock

Greencastle, Pa.
Monday, June 30

CATTLE 509. SLAUGHTER STEERS: Choice & Prime 55.00-57.25, few to 58.50; Good & Choice 50.00-56.25; Good & Choice-Holstein 44.00-47.00; Standard & Good Holstein-39.00-44.50.

SLAUGHTER HEIFERS: Choice 53.00-56.00, few to 57.25; Good & Choice 49.00-55.75; Standard & Good 42.50-49.50.

COWS: Utility & Commercial 35.00-38.50, few to 41.00; Cutter & Boning Utility 33.00-37.00, few to 39.50; Canner & Low Cutter 34.00 & down.

BULLS-ALL WEIGHTS: Yield Grade 1 47.50-51.50, few to 54.85; Yield Grade 2 42.50-47.50.

STOCKER CATTLE--ALL WEIGHTS. Steers-Medium & Good 50.00-57.00; Heifers-Medium

& Good 42.00-50.50; Bulls-Medium & Good 45.00-52.00; Steers-Holstein 39.00-44.00.

CALVES 439. Good & Choice-125 to 250 pounds 60.00-74.00, few to 94.00; Medium & Good-125 to 250 pounds 50.00-64.00; Medium & Good-80 to 120 pounds 45.00-57.00; Light & Cull-all weights 48.00 & down; Holstein Bulls-return to farm up to 90.00; Holstein Heifers-return to farm up to 68.00.

LAMBS, SHEEP & GOATS 51. Choice Lambs 74.00-78.00; Medium & Good Lambs 55.00-67.00; Light & Cull Lambs None; Sheep, Ewes & Bucks 18.00-24.00; Goats-all sizes (by head) 10.00-50.00.

HOGS 76. No. 1-3 Butcher Hogs-190-225 pounds 57.00-57.75; No. 1-3 Butcher Hogs-225-250 pounds 56.00-57.75; No. 1-3 Butcher Hogs-250-300 pounds 45.00-56.00; Good Butcher Sows-400 pounds down, 39.00-46.00; Good Butcher Sows-400 pounds up, 42.00-47.25; Heavy

Boars-over 300 pounds 37.00-40.00; Pigs-all sizes (by head) 15.00-36.00.

Sale every Monday evening at 5:00 p.m.; Hay & straw sale every Monday at 1:00 p.m.

Farmers Livestock Auction

Martinsburg, Pa.
June 30, 1986

Report supplied by auction

CATTLE 252. High Ch. & Pr. sl. steers, none, Choice 51.50-55.25, High Good & Low Ch. 50.00-52.25, Good 47.50-50.25, Good & Choice holsteins 44.00-47.25, Standard 40.50-42.75, Utility 35.00-40.00. Choice sl. heifers 51.75-53.00, Good 45.00-48.75, Standard 40.00-43.75, Utility 35.00-39.25. Breaking Ut. & Commercial sl. cows 38.50-40.75, Cutter & Boning Ut. 35.00-39.25, Canner & Low Cutter 30.50-37.25, Shells down to 24.50. Choice sl. bullocks, none, Good 45.00-48.75, Standard 40.00-45.25, Utility 35.00-38.50. Yield Grade No. 1 1200-1850 lbs. sl. bulls 46.50-52.75, Yield Grade No. 2 1200-1600 lbs. 42.50-46.75.

FEEDER CATTLE: Steers Good 54.00-58.50, Standard 35.00-48.50, Heifers Good: 45.00-52.50; Standard: 35.00-44.50; Bulls Good: 44.00-50.50; Standard 32.50-43.00.

CALVES 260. High Ch. & Pr. none, Choice 72.00-78.50, Good 54.00-62.50, Standard 50.00-56.50. Standard & Good 90 lb.-130 lb.

52.50-63.50, Utility 40-75 lbs. 35.00-50.25.

FARM CALVES: Holstein bulls 90-130 lbs. 60.00-92.50, Holstein heifers 90-130 lbs. 54.00-69.50.

HOGS 91. US No. 1-2 210-245 lbs. barrows and gilts 60.00-61.50, No. 1-3 210-250 lbs. 58.00-60.25, No. 2-3 250-300 lbs. 52.00-56.50. Sows US No. 1-3 300-600 lbs. 45.00-48.75. No. 2-3 300-600 lbs. 44.00-46.25. Boars 36.00-38.50, Light weights 40.00-43.50.

FEEDER PIGS 20. US No. 1-3 30-40 lbs. feeder pigs 24.50-37.50 per head.

SHEEP None. 5 **GOATS** 15.00-28.50 per hd.

4 Loads of Hay. Mixed 61.00-77.50 per ton.

Dewart Livestock

Dewart, Pa.

Monday, June 30

Report Supplied by PDA

CATTLE 167. Compared with last Monday's market: Slaughter steers weak to \$1.50 lower; Cows 50 cents to \$1.50 lower...Low Choice slaughter steers 52.50-55.00, Good 48.00-53.25, few Choice holsteins 45-47.00, Good holsteins 43-44.60...Choice slaughter heifers 48.00-52.75, Breaking Utility &

Commercial slaughter cows 36.50-38.25, couple 39.75, Cutter & Boning Utility 33.00-36.50, few Canner & Low Cutter 32-33.00, Shells down to 30...Yield Grade No. 1 1070-1850 lbs. slaughter bulls 45-49.85.

CALVES 217...Few Choice vealers 65.00-85, few Good 60.00-65, Standard & Good 70-100 lbs. 48.00-58; Utility 60-80 lbs. 40.00-50...Farm Calves: Holstein Bulls 90-130 lbs. 59.00-109, mostly 80.00-105.00.

HOGS 70...Barrows and gilts \$3 higher...US No. 2-3 (few) 215-240 lbs. 57.00-58.10, one lot No. 2-4 320 lbs. at 47.75...US No. 1-3 3-600 lbs. Sows 45.00-49.50...Boars 43.00-47.75.

FEEDER PIGS 124...US No. 1-3 20-35 lbs. feeder pigs 28.00-35, 35-50 lbs. 34.00-41, one lot 75 lbs. at 45.00 - all per head.

SHEEP 54...Choice 50-110 lbs. spring slaughter lambs 61.00-72.00, one at 76.00...Few Slaughter ewes 15.00-46.00...

PIGS

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JULY 11th

1:30 P.M.

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BLAIR-BEDFORD
BUYING STATION
RD 1 Martinsburg, PaMONDAYS - Hogs 8 AM to 11:30 AM
Cattle & Calves 8 AM to 3 PMTHURSDAYS - Cattle & Calves
8 AM to 3 PM

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Residence 814-793-2657

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ON THE FARM MONTHLY

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at 7:30 P.M.

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50 to 60 Head
WHITE DIAMOND GILTS
Here Now a new cross again.
Large White & Landrace, first
generation true F-1 gilts.
Parent stock originated from
Lieske Bros. Minnesota. Very
productive in litter size
and feed conversion.

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Hand mated with Breeding Dates

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JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.

Abe Diefenbach, Auctioneer AU225L

NEXT SALE DATE AUGUST 29



Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 28

Report supplied by auction

FEEDER CATTLE: All classes steady to \$2 higher.

STEERS: M&L-1 300-500 lbs. 59.50-66.00; 500-700 lbs. 54.00-57.25; 700-1000 lbs. 49.50-55.60; Holstein 300-1000 lbs. 43.50-51.00. S-L&M&L-2 300-500 lbs. 46.00-52.00; 500-700 lbs. 46.50-52.50; 700-1000 lbs. 45.50-51.00.

FEEDER BULLS: M&L-1 300-500 lbs. 52.50-58.00; 500-700 lbs. 45.50-49.50; 700-1000 lbs. 40.00-47.75.

HEIFERS: M&L-1 300-500 lbs. 47.50-52.50; 500-700 lbs. 46.00-52.50; 700-800 lbs. 41.50-44.00. S-L&M&L-2 300-500 lbs. 42.00-45.00; 500-700 lbs. 47.50-52.50.

STOCK COWS: w/calves, Beef 315.00-450.00; Baby Calves 15.00-108.00, Large 65-108, Small 15-50.

SLAUGHTER COWS: Trend 2.00-3.00 lower. Utility & Commercial 2-4 28.00-37.00; Canner & Cutters 1-3 24.00-32.50.

SLAUGHTER BULLS 1&2:

39.00-47.25.

LAMBS: Trend 2.50 Lower. Blue O High Choice & Prime 70.25; Red O Choice 60.00; Feeder Lambs Choice 66.00; Slaughter Ewes 10-23; Head Ewes 18-34.

HOGS: US 1-3 200-240 lbs. 58.60; Sows 1-3 34.50-37.00; Boars 30.00.

VEAL: Choice & Prime 50.00-59.00; Good 45.00-49.00.

SLAUGHTER CALVES: Good & Choice 46.50-53.00.

Virginia Cattle

Richmond, Virginia
Northern, Va.

Thurs., June 26 to

Wed., July 2, 1986

Report Supplied by VDA

Head Count: 5,788

Trend: Steady to 3.00 higher.

STEERS: Medium 1 300-500 lbs. 51.00-65.00; 500-700 lbs. 50.00-61.00; 700-1000 lbs. 48.00-56.00. Large 1 300-500 lbs. 57.50-65.00; 500-700 lbs. 53.00-60.00; 700-1000 lbs. 48.50-56.50.

Small 1 300-500 lbs. 56.00-61.00; 500-700 lbs. 45.00-55.25; 700-1000 lbs. 45.50-50.00.

HEIFERS: Medium 1 300-500

lbs. 45.00-53.00; 500-700 lbs. 41.50-54.50; 700-900 lbs. 41.25-52.00. Large 1 500-700 lbs. 52.00; 700-900 lbs. 46.00. Small 1 300-500 lbs. 42.00-50.50; 500-700 lbs. 47.00-47.50.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 55.00-67.50; 500-700 lbs. 53.75-59.50; 700-900 lbs. 46.50-55.00. Large 1 300-500 lbs. 55.75-64.25; 500-700 lbs. 54.75-60.00; 700-900 lbs. 49.25-54.75. Small 1 300-500 lbs. 51.00-60.00; 500-700 lbs. 46.00-55.50; 700-900 lbs. 46.00.

HEIFERS: Medium 1 300-500 lbs. 45.50-54.00; 500-700 lbs. 45.00-55.25; 700-900 lbs. 44.50-50.50. Large 1 300-500 lbs. 45.00-55.00; 500-700 lbs. 48.50-53.50; 700-900 lbs. 46.00-47.50. Small 1 300-500 lbs. 42.00-50.50; 500-700 lbs. 40.00-45.00.

Eighty-Four Livestock

Eighty-Four, Pa.

Monday, June 30

Report supplied by PDA

CATTLE 373. Compared with last Monday's market: Slaughter cows steady to weak...Choice slaughter steers 53-55, Good 49.00-55.00, Standard 44.25-48.50, Utility 38.00-44...Few Choice slaughter heifers 49.50-53.50, Good 46.00-49, Standard 41.50-44.50, Utility 38.50-41.50. Breaking Utility & Commercial slaughter cows 36.75-40, few 41.00, Cutter & Boning Utility 34.00-38, Canner & Low Cutter 30-34.50, Shells down to 20...Yield Grade No. 1 1200-2100 lbs. slaughter bulls 44.50-49, #2 1000-1400 lbs. 39.50-44...Feeder Cattle: Medium Frame No. 1 (few) 290-340 lbs. steers 55.00-60, #2 3-500 lbs. 48.00-52...Medium & Large Frame #1 350-600 lbs. heifers 43.00-50, few Large #2 6-900 lbs. 37.00-

44...Medium Frame #2 380-600 lbs. bulls 45.00-51.00.

CALVES 253...Good vealers 60.00-66, Standard 49.00-56, Standard & Good 90-120 lbs. 53.00-63, 60-85 lbs. 48.00-54, few Utility 55-80 lbs. 31.00-40...Farm Calves: Holstein Bulls 90-125 lbs. 70.00-110.

HOGS 180...Barrows and gilts 50 cents to \$1 higher...US No. 1-2 210-250 lbs. 59.50-60, No. 1-3 210-255 lbs. 58-59.25, No. 2-3 215-275 lbs. 54-55.00, lot No. 1-3 187 lbs. at 52.50, No. 2-4 280-325 lbs. 47.75-50. US No. 1-3 380-600 lbs. sows 45.00-48, No. 2-3 4-700 lbs. 40-45.00. Boars 34.00-42.50.

FEEDER PIGS 7...Few US No. 1-3 35-45 lbs. feeder pigs 35.00-40 per head.

SHEEP 200...Spring slaughter lambs steady...High Choice & Prime 75-95 lbs. 73.00-79, 50-65 lbs. 77.00-81, Choice 75-95 lbs. 65.00-71, 100-112 lbs. 64.00-68, few Good & Choice 40-60 lbs. feeder lambs 60.00-70...Slaughter ewes 22.00-24.50.

Peoria Cattle

Wednesday, July 2, 1986

Report Supplied by USDA

Compared with last weeks close slaughter steers closed 3.00 to 3.50 higher; Heifers closed 2.50 to mostly 3.00 higher. Cows closed weak to 1.00 lower and bulls were not well tested. Bulk of receipts Monday with not enough late in the week to adequately test the market. Supply mainly good to average choice slaughter steers and heifers with 5% cows. Estimated receipts this week about 1800 as compared with actual receipts of 1522 last week and 1769 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1375 lbs. 58.50-59.50, part load 60.00; 975-1050 lbs. 57.00-59.00. Mixed good and choice 2-3 950-1150 lbs. 54.00-57.00. Good 2-3 900-1100 lbs. 51.00-54.50. Few mixed good and choice 2-3 Holsteins 1175-1350 lbs. 43.00-49.00.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 56.00-57.50; 875-950 lbs. 54.50-56.50. Mixed good and choice 2-3 950-1150 lbs. 53.00-55.00. Good 2-3 800-1000 lbs. 50.00-53.00.

COWS: Breaking Utility 2-3 35.00-37.00 cutter and boning utility 1-2 34.00-38.00, few high dressing 38.00-40.00. Canner and low cutter 32.00-35.00.

BULLS: YG 1-2 1500-2200 lbs. 44.00-51.00.

Shippensburg Produce Auction

(Leinbach's)

Shippensburg, PA

Tuesday, June 26 & July 1

Report Supplied by Auction

Blueberries 8.00-12.50 12 pt. flat. Cabbage 3.00-4.00 bu. Carrots 3.40 bu. Cauliflower mostly .30-.65, some up to 1.00.

Cherries (Bing) 4.00-8.25 8 qt. flat, (Sour) 4.35-4.75 8 qt. flat. Corn 7.75-8.75 crate.

Cucumbers 2.25-5.50 ½ bu. Eggs .65-.70 (Lg.). Onions (Spring) 2.00-3.00 ½ bu. Peaches 1.75-1.85 ½ pk.

Peas 7.00-9.00 bu. Pickles 3.25-6.50 ½ bu. Potatoes (50#) 7.75-8.85, (20#) 3.00-5.20, (10#) 1.75-1.95.

Raspberries 9.00-18.00 12 pt. flat, 8.00-8.50 8 qt. flat. Red Beets 3.00-6.00 bu.

String Beans 6.00-11.50 bu. Tomatoes 9.00-14.00 box. Watermelon (FL) 12# up .60-.85, 15# up 1.00-1.60.

Mixed Squash 1.25-4.00 ½ bu. Zucchini Squash 2.50-3.50 ½ bu.

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, July 1

Report supplied by Auction

Beef Cows: Utility and Commercial 37.50-39.75; Cutters 35.50-37.00; Canners 31.00-34.75; Shells 26.50.

Heifers: Standard 41.00-44.60; Commercial 37.60-39.75.

Bulls: Good 46.75-49.75; Standard 44.50-46.50.

Feeder Cattle: 300-500 lbs. large frame 48.50-59.50; 300-500 lbs. small frame 46.00-49.25; 500-700 lbs. large frame 45.00-53.50; 500-700 lbs. small frame 46.00-48.25.

Veal Calves: Choice 78.00-85.00; Good 61.00-77.00; Standard 50.00-59.00; Utility 41.00-48.00.

Farm Calves: Bulls 75.00-98.00; Heifers 60.00-65.00.

Hogs: 55.10-56.50. Boars: 31.00-34.10.

Shoats: 25-30 lbs. per head 12.00-16.00; 30-35 lbs. per head 20.00-29.00; 35-50 lbs. per head 31.00-38.00.

Lambs: 70.00-72.00.

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400-600 head capacity desired.
We'll provide contract for guaranteed income.

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- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
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Phone: 717-275-2880

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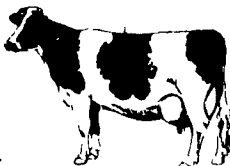
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OPINION

God Bless America

Even though we complain about many things that could be better in America, yet we're still glad we live in a land where we have the right to complain. Farm profits should be higher. Expenses lower. But we're not tied to a caste or class system that limits us from rising above our problems. We can get an education. We can change jobs if we want to. We can sell our products and services to the highest bidder. The government does not the control newspapers, magazines and TV newscasts. In addition, we can belong to the political party of our choice, and we can decide which farm organization and cooperatives will get our support. And we can go to church and take our families with us.

This weekend the entire country will be celebrating the 100th birthday of the Statue of Liberty. She hardly shows her age, however, thanks to the much publicized facelift. New York City her home since she arrived from France, is

planning a major celebration. Those festivities will be on view across the nation via television and will no doubt be the focal point for many Independence Day activities.

From the local pageants and fireworks to the millions who gather at the New York harbor, we'll remember again how great it is to live in America and when the last fireworks explode into the night and we return to our homes protected by the laws of the democratic system, the strains of our national hymn will move in our hearts.

God Bless America,
Land That I love,
Stand Beside Her and Guide Her
Through The Night With A Light
From Above
From The Mountains,
To The Prairies,
To The Oceans White With Foam,
God Bless America,
My Home, Sweet Home.
God Bless America,
My Home, Sweet Home.



NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent

To Plan Your Herd Feeding Program

The dry conditions in this part of the state is developing a short supply of hay. In fact the dry conditions in some of the southern states has created a serious hay shortage in those areas. This will be felt in the market place as prices edge upward.

You should be reviewing the situation on your farm; if hay is in short supply, then consider culling the low producers. When you review the farm records it will be apparent that you cannot afford to feed expensive hay to poor producers.

Many farmers from the south are in the area now looking for hay. They know it will be more expensive later as the dry weather continues. So, take a good look at the situation on your farm and determine the best course of ac-

tion.

To Control Canada Thistle

Canada thistles are listed as a noxious weed in Pennsylvania; this means they should be controlled and not allowed to go to seed. Too often we see what some people call "summer snowflakes" floating through the air; these are not snowflakes but thistle seeds. We should insist that these be mowed or sprayed to prevent seed formation.

Most townships have noxious weed ordinances to prevent the spread, from farm to farm, of Canada thistles and other noxious weeds. These ordinances should be enforced for the best interest of all farmers. You can spot spray with Banvel for control. Be sure to follow all label instructions. We urge everyone to do something about this problem.

To Be Aware of Feeding New Grain

The barley harvest is nearly completed and some farmers may be considering using this new grain in their feeding program. Feeding new grains to livestock is possible under very careful management. If fed in too large amounts, digestive disorders such as bloating and scouring may occur. We suggest that the grain be allowed to go through a two-week curing period before being fed. Then it should be included into the grain ration at a slow rate — 10 to 20 percent.

Barley is a popular livestock feed and is a good substitute for corn. In a week or two wheat will

be ready and should also be fed with care. Again, it should be allowed several weeks to cure before feeding. Wheat is not used as much for feeding purposes because of the digestive problems. Smaller amounts in the ration, compared to barley, are suggested. Barley and wheat can be used as livestock feeds, but need special care when mixing in livestock rations.

Top Use Caution When Shipping Hogs

Far too many hogs are fed up to market weight each year only to be lost because of careless hauling during hot weather.

There are ways to prevent these losses. Whenever it's possible, haul these hogs to market early or late in the day — when it's the coolest. Avoid mid-day or early afternoon trips. That's when temperatures are the worst.

While the hogs are being loaded onto the trucks, take things easy. Don't hurry them. If you do, they'll just become overheated. And, to make sure they can be comfortable in the truck, use wet sand for bedding. Don't use straw or other materials that hold heat and fail to help cool the animals.

Once the animals are loaded, start right then for the market — and go directly to the market without stopping. Take these few precautions and you'll market all your hogs instead of just some of them.

The Cooperative Extension Service is an affirmative action, equal opportunity educational institution

30 YEARS AGO THIS WEEK

—Fifteen registered holsteins from Lancaster County are finding a new home in Guatemala this week. Elvin Hess, Jr. of Strasburg explained that a new market for Lancaster County holsteins may have opened. This is the first export shipment from the Garden Spot according to the Lancaster County Holstein Association president. The animals were trucked to Miami and flown by commercial airlines to Central America across the Gulf of Mexico.

—Around Washington Boro it's tomato time as the 1956 crop of green pack tomatoes moves into the surrounding market areas. The Washington Boro Tomato Growers Cooperative Association was boxing the tomatoes for the nearby markets.

—The Lancaster County Vegetable Growers will be hosting the Pennsylvania Vegetable Growers tour through Lancaster County next week. Local growers are invited and urged to join the tour. This tour, according to Harry S. Sloat, Associate County Agent, is sponsored by the Pennsylvania Vegetable Growers Association and the Agricultural Extension Service. The tour assembles at Amos Funk's farm and proceeds to Clyde Eshleman's farm, Funk Brothers Farm and Wilmer Ruhl farm. Final stop on the tour is the Paul Rowe farm at Strasburg.

—The Ayrshire Dairy herd of Spring Mill Farm at Malvern has

achieved top recognition during recent months with outstanding production of 57 cows that are credited with averaging 889 lbs. of milk and 4.2 per cent fat and 37 lbs. of butterfat which placed them among the nation's top Ayrshire herds in the nation.

—Pike County and Mercer County have become Brucellosis free according to agricultural secretary, William L. Henning.

—Hartford County, Maryland and York County, Pennsylvania farmers have been advised that a fox that attacked cattle in the Fawn Grove, Pennsylvania community showed signs of rabies. Dick Reynolds, a saw mill operator killed the fox and Dr. Thomas W. Brown, Fawn Grove Veterinarian sent the head to the Maryland Health Department where the rabies diagnosis was made.

—A twilight meeting to be held in the interest of dairy herd improvement will be held at the Wilbur Pollock farm located 3/4 of a mile west of The Buck. This meeting sponsored by the Southeastern Pennsylvania Artificial Breeders Co-op, will be highlighted with Harvey Schaeffer, Dairy Specialist of the Pennsylvania State University, as the main speaker.

—The United States Department of Agriculture announced this week that on the basis of the July 1, 1956 parity price for wheat, the national average support price for this year's crop will be \$2.00 per bushel.

Farm Calendar

Saturday, July 5

Hickory Ridge Antique Farm Show, Horace Potter residence, Route 113, Milford, Del.; continues through July 6. For information, call 302-422-9308.

Sunday, July 6

Youth Institute, PAFC, Juniata College; continues through July 9.

Summer Youth Camp, Pa. Farmers Union, Camp Kanestataki; continues through July 10.

Monday, July 7

Berks County Youth Conservation Leadership Program, Camp Joy; continues through July 11.

Tuesday, July 8

Pa. Lamb and Wool Crafts Festival, Penn State Ag Arena, continues through July 10.

Central Pa. Judging Contest School; continues through July 9, Huntingdon County, noon to noon.

Wednesday, July 9

Pa. State Lamb Cook-off Contest, 10 a.m. to noon.

Adams County fruitgrowers meeting, Rice Fruit Co. Delegate Meeting, Milk Marketing Inc., Ohio State University.

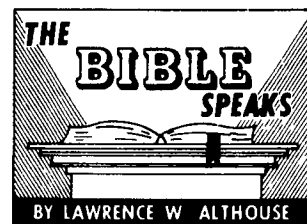
NY Farm Bureau Dairy Policy Forum, Morrisville College, Morrisville, NY.

4-H Regional Achievement Day, Juniata Valley Elementary School, 8 a.m. to 4 p.m.

Thursday, July 10

Western Judging School, Crawford County; continues through July 11, noon to noon.

(Turn to Page A31)



OLD COVENANT LIVING July 6, 1986

Background Scripture: Jeremiah 31.
Devotional Reading: Jeremiah 30: 18-22.

One of the truly high moments in the Old Testament is in Jeremiah 31 when, through the prophet Jeremiah, God says, "I will make a new covenant with the house of Israel and the house of Judah" (31:31). And, of course, if you look on the title page of your New Testament, you may find these words, "The New Covenant commonly called The New Testament."

What makes Jeremiah 31: 31-34 such a high moment in the Old Testament is not just that the term "new covenant" is carried over into the New Testament, but that the principle is at the heart of the

message of Jesus:

I will put my law within them, and I will write it upon their hearts; and I will be their God, and they shall be my people. And no longer shall each man teach his neighbor and each his brother, saying, "Know the Lord," for they shall all know me...

UPON THE HEART

Essentially, the religion of Jesus was the law written upon the heart rather than the law written on scrolls and in books. As Jesus had to point out time and time again, his purpose was not to do away with the laws of Israel, but to go beyond them. In contrast to the Judaism of his day, Jesus offered a religion of the heart and the personal encounter with God. This is what Jeremiah had prophesied some 500 years before the coming of Christ and this was the new covenant which the early Church offered in place of the old covenant of legalism.

Christians like to emphasize this superiority of the new covenant over the old. How strange, then, that while we celebrate God's giving of the new covenant in Jesus Christ, we fashion our Christianity on the old covenant, as if the new had never been given, as if the prophecy of Jeremiah were still waiting for fulfillment. What I mean by that is that for many people, Christianity is still a legalistic approach to life. We not only still live by religious laws and rules, but we spend a lot of our time proclaiming the superiority of our rules over those of others who are just as certain that their rules are the "truly Christian" way.

NO LONGER

How wonderful to proclaim that God will put his law within us and write it upon our hearts. But many of us do not trust for God to do so. We are unwilling to trust our own hearts and even less willing to trust the hearts of others. So, despite what we find in Jeremiah 31:34 — "And no longer shall each man teach his neighbor and each his brother..." — we are still saying to each other, "Know the Lord." And what we mean is not only "Know the Lord," but "Know the Lord...my way!"

It matters little that Christ brought us a new covenant to supercede the old if, in fact, our religion is still pretty much old covenant living.

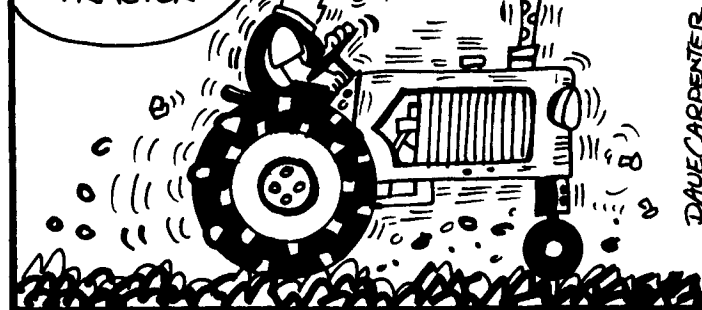
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A POSITIVE MESSAGE OF IMPORTANCE

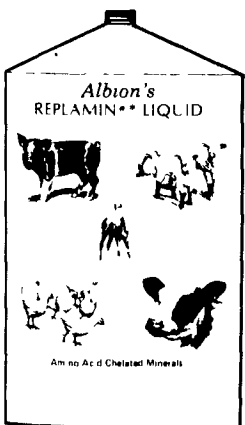
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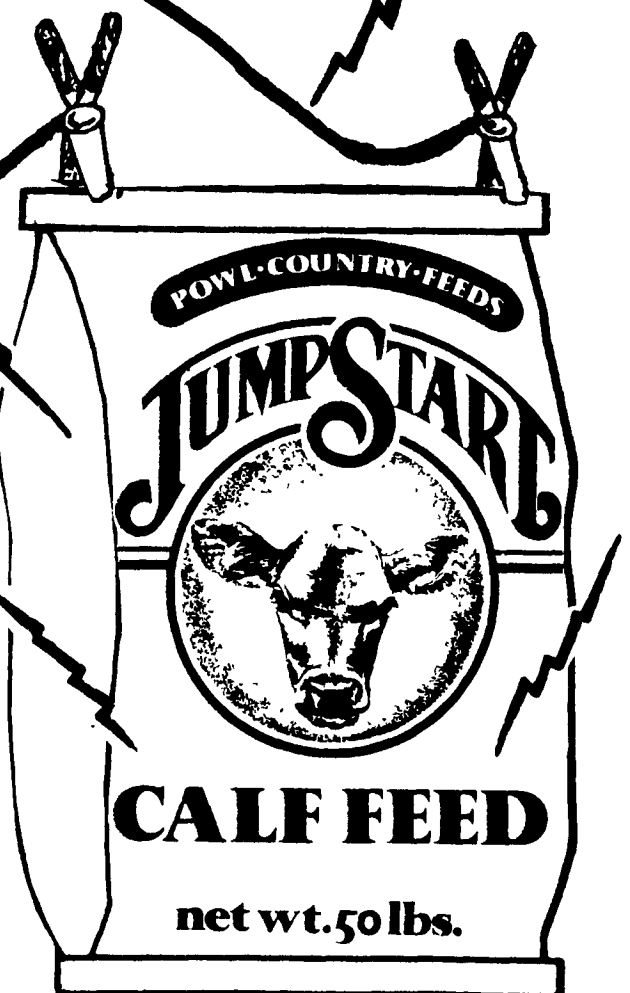
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Livestock market and auction news

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, June 30, 1986
Report supplied by auction
Registered receipts of 276 head of horses, mules and ponies.
Market: lower.
Local
Better Horses 500.00-600.00.
Registered Horses 650.00-850.00.
Driving Horses 250.00-975.00.
Riding Horses 250.00-425.00.
Lightweight Killers 150.00-250.00.
Heavyweight Killers 300.00-365.00.
Mare Ponies 35.00-75.00.
Colts 15.00-25.00.
Gelding Ponies 35.00-75.00.
Larger Ponies 125.00-150.00.

Leola Produce Auction

Leola, PA
Tuesday, July 1, 1986
Report Supplied by Auction
Apricots: 12.50 8 qt. flat.
Blueberries: 13.50 12 pt. flat.
Broccoli: (14-18 hd. box) 6.00-8.00.
Cabbage: (red) 8.50 bu. ¾, (reg) 5.75.
Cauliflower: 45-70 hd.
Cherries: (sour) 4.75 4 qt. flat.
Corn: (white) 1.40-2.00 doz.
Cucumbers: 8.00-10.50 bu.
Peaches: 5.25 pk.
Pickles: 7.00 ½ bu.
Peppers: (sweet) 6.50-8.00 bu.
Potatoes: (new red) 5# .80, 10# 1.20-1.85.
Raspberries: (purple) 7.50-11.50 12 pt. flat, (red) 20.00-25.00 12 pt. flat, (black) 14.00-18.00 8 qt. flat.
Red Beets: 4.00-6.50 box (15 bunches).
Snap Beans: (green) 10.00-14.00 bu., (yellow) 10.00-15.00 bu.
Sugar Peas: 14.00-20.00 ½ bu.
Sugar Snaps: 20.00 ½ bu.
Tomatoes: Hypertonic (20# box) 20.00-22.00, (10# box) 10.00-11.50 - #1's, Field Tomatoes- 25# 17.00-25.00.
Yellow Squash: 2.75-3.25 ½ bu.
Zucchini: 2.00-3.50 ½ bu.

New Holland Sales Stables

New Holland Dairy
Wednesday, July 2, 1986
Report supplied by auction
Reported receipts of 49 cows, 126 heifers and 5 bulls. Market steady.

Load of PA fresh cows, 560.00-1,435.00.
Load of PA fresh cows, 825.00-910.00.
Load of PA fresh cows, 875.00-925.00.
Load of Canada fresh cows, 760.00-920.00; springers 680.00-1,100.00.
Load of Franklin Co. fresh cows, 525.00-870.00.
Locally consigned cows 600.00-1,210.00.
Springing heifers 560.00-875.00.
Open heifers 215.00-400.00.
Bulls 450.00-775.00.
Purebred springing heifers 835.00-1,050.00.

Central U.S. Carlot

Pork Report
Tuesday, July 1
Report supplied by USDA
Compared to Monday's 3:30 P.M. fresh Pork Loins 14-18 steady to \$2.00 higher; Boston Butts \$6.00-9.00 higher; Skd Hams 17-26 lbs. \$3.00-5.00 lower; Sdls Bellies and most other cuts steady. Trade slow for light offerings and moderate demand.

U.S. No. 2 175 lb. pork carcass cutout value advanced \$.38 to an estimated \$80.51 per/cwt.
Sales reported on 17 loads of fresh Pork cuts, and 6 loads of trimmings and boneless processing pork.

Fresh Pork Cuts
FOB Omaha Basis
Loins, Regular, Fresh
14-18 lbs. 7 loads range 126.00-130.00.
18-22 lbs. 120.00 B.
22/Up range 101.00 B.
Tenderloins,
2/Bag
Price PLS 270.00-295.00.
Picnics, Regular
4-8 lbs. range 59.00 A.
8/Up lbs. 55.00 D.
Boston Butts
4-8 lbs. PLS 105.00-108.00.
Spareribs, Fresh
1.5-3.5 lbs. 1 load range 135.00.
3.5-5.5 lbs. range 105.00 E.
Spareribs, Frozen
1.5-3.5 lbs. 1 load range 134.00.
Loin Backribs
1.5/dn lbs. 285.00 A.
1.75/DN lbs. range 275.00 A.
1.75-2.25 range 265.00 A.
Hams, Skinned
Fresh

17-20 lbs. 3 loads range 76.00.
20-26 lbs. 1 load range 76.00.
26-32 lbs. 1 load range 74.00.
32/Up lbs. range 75.00-76.00 C.
Hams, Skinned,
Frozen
14-17 1 load range 78.50.
Bellies, Sdls,
Skin On, Fresh
10-12 lbs. range 78.00 B.
12-14 lbs. range 88.00 A.
14-16 lbs. range 88.00 A.
16-18 lbs. 1 load range 84.00.
18-20 lbs. range 77.00 A.
20-25 lbs. range 72.00 B.
Bellies, Sdls,
Skin On, Frozen
12-14 lbs. range 80.00-81.00 C.
14-16 lbs. range 80.00-81.00 C.
16-18 lbs. 78.00 B.

Pork Trimmings/
Boneless Processing Pork
(Chemical Lean)
Combo 42% Fresh 1 load range 55.00.
Boxed Frozen range 43.00 D.
Combo 72% Fresh 2 loads range 91.00.
Boxed Frozen range 88.00 D.
Picnic Cushion Meat
Combo 92% Fresh 1½ loads, range 110.50.
Bnls Picnic
Combo 72% Fresh 1 load range 91.00.
Boxed Frozen range 92.50-95.00 C.

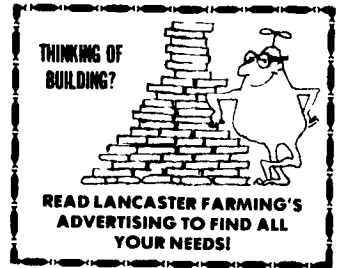
Skinned Jowls
Combo Fresh PL range 53.00.
Cured and Processed
Meats
Hams, Smoked,
Skinned, Water
Added
16-19 lbs. range 85.00-94.00.
19-23 lbs. range 83.00-94.00.
Picnics, Smoked,
Water Added
4-7 lbs. range 68.00-77.00.
Bacon, Sliced,
Vac. Pack
1 Lb. Pkg. range 152.00-183.00.

*ABCDE After Market Quotes Represents Days Since Last Actual Reported Sales. Market Quotes After Five Days Without Trade Will Be Dropped.

East Coast Carlot

Tuesday, July 2, 1986
Report supplied by USDA
Compared to Tuesday's close: Special fed veal steady. Good and choice boning veal generally steady; Inshipped untested. Boxed spring lamb steady compared to last week. Beef trimmings generally steady with last week. Spring lamb unestablished with a firm undertone.
Veal Carcass-Hide On
Choice & Prime
(Special Fed)

Hide On 250 Head
220-280 lbs. 155.00-160.00, steady.
Good and Choice
Boning Type-Hide On
Northeastern Suppliers
1000 Head
65-75 lbs. 82.00-84.00 generally steady.
55-64 lbs. 80.00-82.00.
45-54 lbs. 78.00-80.00.
35-44 lbs. 76.00-78.00.
34 lbs. dwn. 74.00-76.00.
Inshipped
Untested.
Spring Lamb Carcass
Choice & Prime
1 Load
Boxed Vacuum Packed
55 lbs. down 160.00, steady with last week.
Beef Trimmings
4 Loads
50 Pct. Chem Lean, Fresh 46.00, Compared to last week generally steady.



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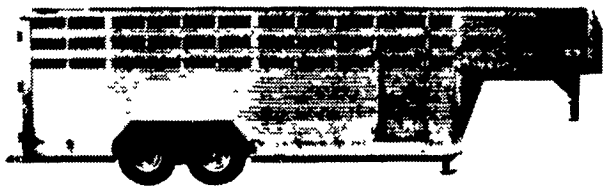
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Possum Belly - Late Liner - Livestock Trailers

BARRETT TRAILERS, INC.



Morrison Cove Livestock

Martinsburg, Pa.
June 30, 1986

Report supplied by auction

CATTLE 185. High Ch. & Pr. sl. steers, none, Choice 53.50-54.75, High Good & Low Ch. 49.50-52.75, Good 46.50-50.75, Good & Choice holsteins 42.00-45.75, Standard 40.00-41.75, Utility 35.00-39.75. Choice sl. heifers 52.50-54.25, Good 50.00-51.75, Standard 43.50-46.75, Utility 34.00-38.75. Breaking Ut. & Commercial sl. cows 38.50-41.25, Cutter & Boning Ut. 36.50-39.25,

Canner & Low Cutter 30.25-36.75, Shells down to 25.00. Choice sl. bullocks None, Good 44.50-48.75, Standard 40.00-42.75, Utility 34.50-38.50. Yield Grade No. 1 1200-1850 lbs. sl. bulls, 44.00-48.50, Yield Grade No. 2 1000-1600 lbs. 41.00-46.75.

FEEDER CATTLE: Steers Good- 45.00-51.75; Standard- 42.50-48.50; Heifers- Good 44.00-50.25; Standard- 33.50-42.50; Bulls- Good 43.00-48.50; Standard- 35.00-40.50.

CALVES 246. High Ch. & Pr. None, Choice 64.00-72.50, Good 55.00-61.50, Standard 50.00-54.50, Standard & Good 90 lbs.-130 lbs.

52.50-64.00, Utility 50-75 lbs. 40.00-51.50.

FARM CALVES: Holstein bulls 90-130 lbs. 62.50-91.50; Holstein Heifers 90-130 lbs. 52.50-64.50.

HOGS 145. US No. 1-2 210-245 lbs. barrows and gilts 60.25-61.50, No. 1-3 210-250 lbs. 58.00-60.50, No. 2-3 210-240 lbs. 56.00-58.50. US No. 1-3 300-600 lbs. sows 44.50-48.50, No. 2-3 300-600 lbs. 43.50-46.50. Boars 35.00-38.50, Light weights 37.50-40.50.

FEEDER PIGS 33. US No. 1-3 30-40 lbs. feeder pigs 35.00-44.50 per head, No. 1-3 25-35 lbs. 25.00-34.50, Ut. 20-25 lbs. 17.50-24.00 per head.

SHEEP 18. Choice 90-95 lbs.

Lancaster Farming, Saturday, July 5, 1986-A13

65.00-72.50, Good 60-80 lbs. 60.00-65.00. Slaughter ewes 18.50-24.50. GOATS 11. 15.00-34.50 per hd.

Valley Livestock

Athens, Pa.

Monday, June 30

Report supplied by auction

Holstein Hfr. Calves 60.00-71.00. Veal Calves 65.00-82.00. Vealer Bull Calves 60.00-72.00. Slaughter Calves 47.00-55.00. Grassers & Feeders 34.00-50.00. Lambs 50.00-81.00. Sheep 20.00-25.00. Hogs, 200 to 250 46.00-52.00. Sows 32.00-39.50. Boars 25.00-32.50. Pigs 12.00-42.00. Heifers 38.00-43.00. Steers 42.00-46.50. Steers, feeder 35.00-50.00. Bulls 43.00-50.00. Cows, utility 37.00-41.00. Cows, fat 36.00-38.00. Cows, medium 33.00-34.00. Cows, poor or small 28.00-32.00. Cattle Market steady. Calf Market steady. Horses to 250.00. Ponies small to 30.00. Goats 15.00-40.00. May be a good time to sell your surplus beef. Feeder Sale 1st Monday of Each Month. Dairy Sale 3rd Thursday of Each Month.

New Wilmington Livestock Auction

New Wilmington, Pa.

June 30, 1986

Report supplied by PDA

CATTLE 227. Compared with last Monday's market: Slaughter cows 50 cents to \$1 lower. Few Choice slaughter steers 53.00-54.50,

Good 49.50-51.75, Standard 41.75-47.75, Utility 36.50-42.00, Few Choice slaughter heifers 52.00-54.00, few Good 46.00-48, few Standard 40-45.00. Breaking Utility & Commercial slaughter cows 36.50-41.00, couple 41.50-42, Cutter & Boning Utility 35.50-40, Canner & Low Cutter 29.75-35.50, Shells down to 26. Few Standard slaughter bullocks 33.75-46.25. Few Yield Grade No. 1 1320-1755 lbs. slaughter bulls 45.00-47.75, few #2 1100-1725 lbs. 43.00-44. Feeder Cattle: Few Medium & Large Frame #2 450-600 lbs. steers 44.00-48. Medium Frame #1 340-710 lbs. heifers 46.00-53.00.

CALVES 261...Few Choice vealers 70.00-77, one 82.00, Good 55.00-70, Standard 49.00-58, Standard & Good 90-120 lbs. 46.00-58, 65-85 lbs. 45.00-53, few Utility 50-60 lbs. 35.00-44. Good and Choice 200-285 lbs. slaughter calves 50.00-65.00. Farm Calves: Holstein Bulls 95-130 lbs. 67.00-82.50, few 92.00-115; Hol. Heifers 90-120 lbs. 57.00-70.

HOGS 388...Barrows and gilts \$3 to \$3.50 higher...US No. 1-2 215-245 lbs. 60.00-60.35, one lot 60.75, No. 1-3 215-250 lbs. 58.50-60.00, one lot 200 lbs. at 56.00, No. 2-3 220-260 lbs. 56.00-58.50, No. 2-4 220-280 lbs. 53.25-56.00...Sows \$3 higher. US No. 1-3 320-600 lbs. sows 42.75-49.75...Boars 37.50-45.00.

FEEDER PIGS 18...US No. 1-3 25-35 lbs. feeder pigs 26.00-34, few 45-60 lbs. 45.00-54 — all per head.

SHEEP 240...High Choice & Prime 65-85 lbs. spring slaughter lambs 72.00-81, one lot 87.00, High Choice 90-120 lbs. 60.00-71, Choice 75-85 lbs. 65.00-74, Good & Choice 45-75 lbs. feeder lambs 60.00-74.00. Slaughter ewes 17.00-24...GOATS 19: 15.00-25.00 per head.

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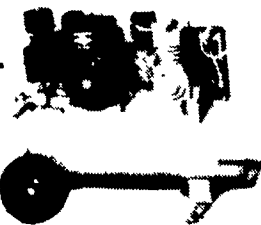
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Keister's Livestock

Middleburg, Pa.

Tuesday, July 1, 1986

Report supplied by Auction

CATTLE 410. Compared with Tuesday's market sl. steers & cows .50 to 2.00 lower. Few High Choice & Prime sl. steers 54.75-66.00, Choice 52.00-55.35, Good 47.00-51.75; few Choice holsteins 46.00-49.50, Good 43.00-45.50, few Standard 41.75-43.50; Choice sl. heifers 48.00-52.75, few Good 46.00-50.00; Breaking Utility & Commercial sl. cows 35.25-37.85, several to 38.85, Cutter & Boning Utility 33.75-36.25, Canner & low Cutter 32.25-34.50, Shells down to 30.50; few Choice bullocks 51.85-54.00; YG 1 1000-1400 lb. sl. bulls 44.25-47.75.

FEEDER CATTLE: Steers, Medium Frame 1 300-650 lbs. 45.00-55.00; Heifers, Medium Frame 1 300-700 lbs. 34.00-40.00.

CALVES: 192. Few Choice vealers 60.00-70.00, few Good 55.00-60.00; Standard & Good 70-100 lbs. 48.00-55.00; Utility 60-80 lbs. 45.00-50.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 60.00-104.00, mostly 75.00-95.00; holstein heifers 90-120 lbs. 57.00-69.00.

HOGS: 585. Barrows & Gilts 2.00 to 3.00 higher. US 1 220-235 lbs. 61.50-62.75; 1-2 210-240 lbs. 60.50-61.50; 2-3 200-250 lbs. 55.50-60.50; 2-4 200-270 lbs. 55.00-59.50; 1-3 Sows 300-650 lbs. 44.00-48.50 few to 53.00; 2-3 270-550 lbs. 34.00-44.00; Boars 35.00-45.00.

FEEDER PIGS: 401. 1-3 25-40 lbs. 36.00-45.00 per head, 40-60 lbs. 42.00-52.00 per head.

SHEEP: 47. Good & Choice 50-105 lb. spring lambs 65.00-76.00.

Oklahoma Cattle

Wednesday, July 2

Report supplied by USDA

Cattle and Calves 3000
Same Day Last Week 869
Auction Sales 1171
Feeder Steers and Heifers steady to 50 cents lower. Steer demand moderate. Heifer demand light. Slaughter cows 1.00-1.50 cow demand good. Bulls scarce, few steady. Bulk supply medium and large frame No. 1 thru No. 2 475-800 lb. feeder steers and mixed No. 1-2 and No. 2 425-725 lb. heifers. Cows near 2 percent of estimate.

FEEDER STEERS: Medium few large frame 1 555 lb. 64.00; 600-700 lb. 59.40-61.75; 700-800 lb. 56.60-57.80; 835 lb. 54.70.

Medium and large frame mixed 1-2 490 lb. 64.10; 560 lb. 61.00; 600-700 lb. 55.90-57.20; 700-750 lb. 54.90-57.30.

Medium and large frame 2 375-400 lb. 63.00-66.00; 600-700 lb. 53.60-56.00; 725-825 lb. 49.70-54.30; 875 lb. 51.25; 965 lb. 49.00; lots 685-740 lb. Dairy Cross 49.00-49.70.

Large frame 2 Holsteins 400-500 lb. 49.00-53.00; 600-700 lb. 46.30-47.10; 1015 lb. 39.95; 1025 lb. Guernseys 37.60.

FEEDER HEIFERS: Medium frame 1 675 lb. 53.30. Medium and large frame mixed 1-2 375-425 lb. 53.25-57.20, 425 lb. very fleshy 49.90; 500-700 lb. 50.00-53.00 instances 55.00-55.25; 700-825 lb. 48.80-52.20.

Medium and large frame 2 425-700 lb. Mostly 48.00-52.00. Large frame 2 744 lb. 43.25.

SLAUGHTER COWS: Breaking utility 3-4 35.25-37.10; Boning utility 1-2 35.00-39.40; Cutter 1-2 35.25-37.70; pkg low dressing 34.75.

SLAUGHTER BULLS: Y.G. 1 few 2 1300-1900 lb. 45.00-51.00; lot 1110 lb. young 42.00.

REPLACEMENT OR FEEDER COWS: Medium and large frame 1-2 young cows and heiferettes 42.00-43.10.

FOR THE WEEK: Feeder steers steady to 1.00 lower. Feeder heifers 1.00-2.00 lower. Slaughter cows .50-1.00 lower. Slaughter bulls steady to weak.

Leesport Livestock

Leesport, PA

Wednesday, July 2, 1986

Report Supplied by PDA

CATTLE 214. Supply included 67 head feeder cattle. Compared with last Wednesday's market steers grading Choice 2.00 lower; sl. cows 1.00 to 2.00 lower. High Choice & Prime sl. steers few 1030-1245 lbs. 55.00-57.60, one 58.60; Choice 1000-1240 lbs. 52.00-54.00, few Good 48.00-51.00; Good & Choice holsteins 46.00-49.00, few Standard 43.00-45.75; few Choice heifers 52.75-56.00, few Good 47.75-49.00; Breaking Utility & Commercial sl. cows 36.00-37.50 few to 39.50, Cutter & Boning Utility 33.50-36.60, Canner & low Cutter 31.00-32.85, Shells down to 22.00; Choice

bullocks few 49.00-55.50, one 58.00, few Godo 46.25-47.35; YG 1 1250-1760 lb. sl. bulls 45.00-51.60, one 54.10, few YG 2 950-1250 lbs. 42.75-44.75.

FEEDER CATTLE: Steers, Medium Frame 1 360-800 lbs. 50.00-57.00, 5 head 69.50, Large Frame 2 620-775 lbs. 42.00-47.50, 4 head 38.50; Bulls Medium Frame 1 380-710 lbs. 51.00-55.50 few to 59.50, one 63.00, few Large Frame 2 600-815 lbs. 40.50-45.00.

CALVES: 163. Vealers 5.00 lower. High Choice 2 head 78.00 & 80.00; Choice 64.00-76.00, few Good 53.00-57.00; Standard & Good 70-120 lbs. 45.00-50.00 few to 57.00; Utility 55-110 lbs. 20.00-47.00.

FARM CALVES: Hol. bulls 90-130 lbs. 57.00-100.00; holstein heifers 80-120 lbs. 55.00-77.00 one at 88.00.

HOGS: 372. Barrows & Gilts 2.00 lower. US 1-2 220-240 lbs. 55.10-56.00, lot at 59.00; 1-3 210-250 lbs. 54.00-55.50; 2-3 235-255 lbs. 52.50-54.00; 1-3 165-195 lbs. 38.50-49.50; 1-3 Sows 300-450 lbs. 35.00-38.00 few to 40.00, 500-675 lbs. 41.00-42.50; few Boars 30-33 lb. lightweights 38.50-43.00.

FEEDER PIGS: 145. US 1-3 25-30

lbs. 113.00-123.00 per hundredweight, 2 lots 36-97 lbs. 114.00 per hundredweight; 45- 50 lbs. 2 lots 106.00 per hundredweight.

SHEEP: 65. Few high Choice & Prime 75-100 lb. sl. lambs 64.00-69.00; Choice 70-135 lbs. 60.00-65.00, 35-60 lb. feeder lambs 67.00-68.00.

SL. EWES: 13.00-33.00.

GOATS: 27. Few large 31.00-48.00, kids 21.00-26.00 with one at 32.00 per head.

Mercer Livestock

Tuesday, July 1

Report supplied by PDA

CATTLE: 285. Compared with last Tuesday's market, sl. steers & heifers eak to .50 lower. Sl. cows 1.00 to 1.50 lower; high Choice & Prime steers 55.95-57.60, Choice 51.50-55.60; few YG 2 56.00-56.85, Good 48.75-52.00, Standard 43.50-49.00, few Utility 40.00-43.25; Choice heifers 50.00-55.00, YG 2 55.00-56.85, Good 46.80-50.25, Standard 42.00-47.00, Utility 37.50-42.25; Breaking Utility & Commercial cows 36.00-40.00, few 41.00, one high Yielding Commercial

45.50, Cutter & Boning Utility 35.00-39.00, Canner & low Cutter 29.00-35.50, Shells down to 20.00; one Choice bullock 50.00; YG 1 1400-1800 lb. bulls 45.00-51.85; YG 2 900-1300 lbs. 39.00-43.50.

FEEDER CATTLE: Steers, few Medium Frame 1 450-600 lbs. 49.00-55.00, few Medium Frame 2 400-550 lbs. 42.00-46.00; Heifers, few Medium Frame 1 & 2 400-600 lbs. 40.00-46.00.

CALVES: 90. Few Standard vealers 50.00-55.00; Standard & Good 90-120 lbs. 45.00-57.00, 60-85 lbs. 43.00-52.00; Utility 55-85 lbs. 30.00-38.00.

FARM CALVES: Hol. bulls 90-125 lbs. 66.00-100.00.

HOGS: 160. Barrows & Gilts .50 to mostly 1.00 lower. 1-2 220-250 lbs. 57.00-58.25, lot at 58.85; 1-3 210-245 lbs. 55.00-56.60, lot 1-3 195 lbs. at 54.00; few 1-3 400-600 lb. Sows 45.00-48.00; Boars 31.75-37.25.

FEEDER PIGS: 0.

SHEEP: 40. Few high Choice & Prime 85-90 lb. lambs 64.00-67.00; Choice 60-80 lbs. 60.00-65.00; few Good 40-50 lbs. 50.00-53.00.

SL. SHEEP: 18.00-22.00.



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JD Model B	\$1,250
JD 2010 Row Crop, needs Crank.	\$1,850
(1) White 2-105 w/Roll Guard	Make Offer
IH 2400 Hydrostatic loader tractor	\$4,650
IH 1066 Cab, Air	\$10,750
JD 4640 Tractor, P.S. 840 Hrs.	\$28,500
JD 2840	\$11,500
Ford 6000	\$1,950
MF 50 Gas (recently overhauled)	\$3,250
JD Model G.P. (Collector Tractor)	
Ferguson 30 w/Loa	\$2,850
MH 22 w/3 pt. and 2 row cultivator	\$1,650
Case WC, hand brakes (collectors tractor)	\$650
JD 3020 Diesel, p	\$6,850

COMBINES & PICKERS:

JD 6600 Dsl. Rotary Screen	
NI 818 combine 4R narrow head & 13' flex head. Sharp	
JD 6620 Side Hill Turbo Hydro w/15' Flex Head	
#643 6 Row	
JD 4400 Combine Hi Back Seat, sharp	
(2) JD 8820 Combine	
(2) #343 3 Row 30"	
(2) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	\$1,850
6600 Hydro Combine	
JD 300 Corn Husker	
JD 453 Bean and Sunflower Head	
13' & 15' Grain Tables	
(2) #444 Corn Heads	

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester	\$2,450
NH P.U. Attachment	\$575
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
(1) John Deere 34 w/One Row Row Crop	\$950
(1) John Deere Three Row Row Crop Attachment, New Belts	\$3,250
JD #35 Harvester, 1 row Row Crop	\$2,150
JD #38 Harvester	\$1,450

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	\$2,750
NH 850 Round Baler	\$3,850
JD #336 Baler w/30 ejector	
JD 660 Ral	\$1,450

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JD 2500 5x18" Auto Reset Plow
JD 7B 2500 Plow
NI 2 row wide picker
JD 300 Husker
Gehl 1580 Blower, like new
JD 1450 4-16" Semi Plow

TILLAGE:

JD 1010 Flat Fold Field Cultivator 18'	\$3,650
JD BWF 14' Flex Disc	\$2,350
JD 1450 5x16 Plow	\$1,950
4x16" F145 Semi-Mtd. Plow	\$1,450
4x16" Semi Mtd. w/	\$850
JD F845 Roll Over Plow (New)	\$2,850

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.	\$2,350
JD 8300 Bean Drill	\$4,500
JD FBB 15x7 Drill	\$450
JD 8 Row 7000 30" Planter	
IH Model 620 12' Press Wheel Drill, like new	\$4,850
(1) 6 Row 7000 No-Til Planter	each \$7,850

MISCELLANEOUS:

18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	\$3,950
14.9x26 T-rail duals	
JD 10' Dozer Blade 30 or 40 Series 2WD	\$2,650
NH 679 tandem axle spreader, hyd. endgate	\$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	\$1,850
JD 148 Loader	\$2,650
JD 201 28' Imp Carrier	\$1,850
Best Land Rock Picker	
9 Tooth Folding Anhydrous Bar	\$1,250

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(1) JD 21' Model 400 Rotary Hoe with Transport	\$2,975

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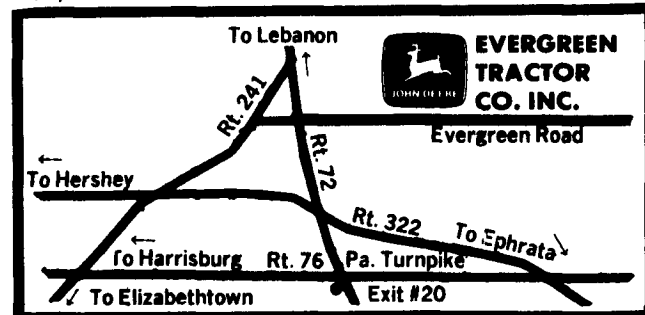
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Frederick Livestock

Monday, June 30, 1986

Butcher Cows Good Run, Steady to \$.50 Lower. Good 37.50-39.75; Standard & Utility 33.00-37.00; Canners 30.00-33.00; Shelly 31.00-Down. Bulls: Good 44.00-46.25; Medium 39.00-43.00.

BUTCHER HOGS: 1.50 higher. Tops 59.00. 220-250 lbs. 57.00-59.00; 260-280 lbs. 54.00-56.00.

SOWS: 500-790 lbs. 42.00-43.75; 300-450 lbs. 36.00-42.00.

VEAL CALVES: Heavy calves \$2 lower, light calves steady.

Good 55.00-60.00; Standard 53.00-55.00; Stocky & Thin 48.00-52.00; Light Calves 44.00-53.00; Weak & Rough 43.00-Down.

CALVES RETURNING TO FARM: Bulls \$3 Lower, Heifers \$8 Higher.

HOLSTEIN HEIFERS: 70-85 lbs. 50.00-55.00; 90-120 lbs. 55.00-71.00.

HOLSTEIN BULLS: 85-95 lbs. 60.00-69.00; 100-115 lbs. 70.00-85.00.

LAMBS: Good & Choice 62.00-67.00; Medium 55.00-61.00.

STOCK CATTLE: \$2 Lower. Steers Good 51.00-53.50; Medium 47.00-50.00; Heifers Choice 47.00-52.50; Good 42.00-46.00; Medium 36.00-41.00; Bulls Good 42.00-44.00; Medium 38.00-41.00.

SPRINGING HEIFERS: Two 735.00.

PIGS & SHOATS: Strong Demand, Steady Prices.

BY THE HEAD: 40-60 lbs. 37.00-43.00; 20-35 lbs. 25.00-36.00.

BY THE LB.: Light Boars To 47.00.

Scout Now To Prevent Corn Borer Losses

Lancaster Farming, Saturday, July 5, 1986-A15

PHILADELPHIA — According to some university researchers, the European corn borer is about as unpredictable as the weather. "We can predict problems from a number of insect pests, including rootworms and wireworms, and we are working on methods to predict outbreaks of cutworms, armyworms and a number of others. Unfortunately, we just don't have a system to accurately determine what kind of corn borer problem we'll have from year to year," says Dr. Armon Keaster, entomologist from the University of Missouri, Columbia.

Other entomologists like Dr. Don Kuhlman, University of Illinois, and Dr. Dennis Calvin, Pennsylvania State University, agree. "Just about the best thing you can do is evaluate the winter and the effect it had on the population of overwintered larvae," says Dr. Calvin. "Even then there are so many other factors that must be taken into consideration, it's difficult to come up with an accurate prediction of first generation pressure."

Weather Factors
Factors that can reduce the potential for a problem include severe winter weather which may reduce overwintering larvae populations; heavy spring rains; and wind which kills moths during

flights.

On the other hand, mild winters and dry spring conditions favor increased populations. Also, reduced tillage operations have more potential risk than operations where corn stubble, in which the larvae overwinter, is plowed under.

Dr. Kuhlman says that regardless of what predictions are made in the spring, the best insurance against potential losses is scouting to determine if an insecticide treatment is needed. "Farmers should scout fields for both first generation and second generation corn borer, and shouldn't take any shortcuts."

Farmers should begin scouting when corn is 12 to 24 inches high. Notice if there are moths in grassy areas close to fields. Corn that is planted early should be monitored closely from mid-June to early July for signs of whorl-feeding by first generation corn borer larvae. Check a minimum of four locations in each field with 25 plants in each location. If 35 to 50 percent of the plants show "shot holes" or live larvae, farmers should plan an insecticide treatment.

Dr. Keaster notes that farmers can figure a five percent yield loss for each corn borer they find per plant. When there are enough larvae to cause a three to five

percent loss, it is time to treat.

The Second Generation
"Equally as important as scouting for first generation corn borer is scouting for second generation corn borer," says Dr. Kuhlman. "Just because a farmer had either a low infestation of first generation borer or he treated for first generation, this doesn't mean he won't have problems with second generation corn borer."

Dr. Kuhlman feels that not enough attention has been focused on the damage caused by second generation corn borer. "Yield losses from first and second generation are primarily physiological, resulting in reduced ear size. Losses from first generation borers are estimated at 4½ to 5½ percent per worm per plant; losses from second generation borers are estimated at 4½ percent per worm per plant."

To scout for second generation corn borers, farmers should check fields from mid-July to mid-August for egg masses or newly hatched larvae of the second brood. Check for egg masses when a moth flight is underway. Examine a minimum

of 25 plants selected at random throughout the entire field. Count the egg masses found on each plant.

Check for eggs on the two or three leaves immediately above or below the developing ear. Also check for larvae. Second brood eggs usually hatch within three to seven days. Each time you scout, add the number of egg masses which you count to those found in previous scoutings. According to Dr. Kuhlman, treatment thresholds for the second generation occur when about 50 percent of plants show egg masses or live larvae or when egg masses exceed one for every two plants.

"Because peak egg laying generally occurs over a period of two to four weeks, it will be necessary to re-sample fields if egg masses are not present on half of the plants during the initial survey."

Products currently on the market for European corn borer control include Furadan 15G, Dyfonate 20G, Lorsban 15G, PennCap-M, diazinon 14G, Dipel 10G, Pounce and Ambush.

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Feed conversion	3.75	3.97
Egg size	25.6 oz. doz	26.4 oz. doz
Laying period depletion	0.5%	0.5%
Growing depletion	3.5%	3.0%
Final body weight	3.79 lbs	4.95 lbs



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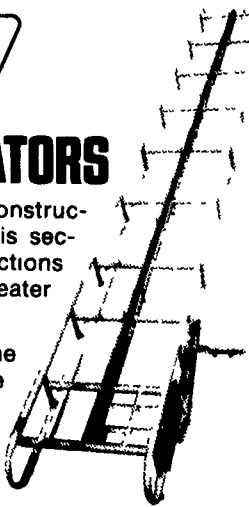
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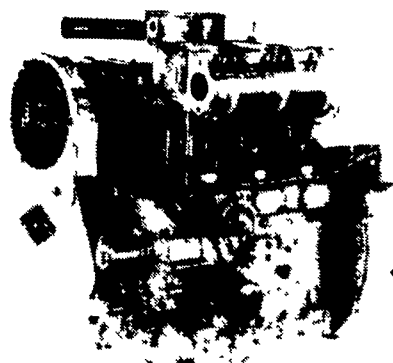
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Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Reducing Somatic Cell Counts

As of July 1, the "action level" for somatic cell counts was reduced from 1.5 million to 1 million. Shippers, whose milk exceeds this 1 million count, run the risk of losing their milk market. But, that should not be the only reason why you want to keep your cell counts low.

High cell counts also mean you are losing milk production; that's lost income. The reason for this loss is, infectious organisms are destroying milk secreting cells in the cow's udder. Many of those damaged cells will not be repaired until the cow is in her dry period. Then, it may be repaired only if the dry udder is relatively free of infection and if the udder tissue is not too severely scarred.

Very little udder repair occurs during lactation. That's why cows once cured, seldom ever return to full production during that same lactation.

At what levels of cell counts do the biggest production losses occur? Contrary to what you might think, it's at the lower levels! Studies show these approximate losses in production at different levels of cell counts.

Production losses start to occur at SCC levels as low as 100,000. Note that every time SCC levels double, you lose another 1.5 pounds

of milk per cow per day. That's lost income — an expense you don't see, just feel.

That is why you don't see much improvement in production when you reduce a high count of 1.6 million down to .8 million or a 1 million count down to .5 million. That sounds like a big drop, but at these high levels these big drops may improve production by only 1.5 pounds — hardly noticeable.

But don't give up at this point; you are headed in the right direction. If you continue to stick with a good mastitis prevention and control program you might be able to drop the count down to the 100,000 to 200,000 level. This second drop of 600,000 to 700,000 may result in an additional increase in production of 3.0 to 4.5 pounds of milk; that's two to three times as great as that first drop from those real high levels.

Know Thy Enemy

To conduct an effective mastitis prevention and control program, and to make more effective and efficient use of your time and dollars, know your enemy (the infectious organisms), and plan to attack them on all fronts simultaneously. Culturing will help you identify the organisms involved. Basically they fall into two general categories, contagious and environmental.

The contagious group spreads from cow to cow at milking time.

The two main culprits in this group are: streptococcus agalactiae (strep ags) and staphylococcus aureus (staph).

Strep ags are fairly easy to control. The only place they can survive well is in the cow's udder. So, once you've eliminated it from all the udders, strep ag infections are fairly easy to prevent.

Staph organisms, on the other hand, can invade udder tissue, become deep seated, and cause cysts; they are more difficult to control. Chronic staph cows that fail to respond to treatment should be culled so they won't serve as seeds of infection for other cows.

Another nasty and very contagious organism is mycoplasma. There is no cure for this organism. The best solution is culling infected cows. Fortunately, the incidence of mycoplasma has been very small.

The second category of organisms is the environmental type. It consists primarily of coliform and streptococcus non agalactiae (strep non ags). They thrive in warm, moist filthy areas — dirty stall beds, sloppy lots, filthy udders, etc. They are more of a problem during periods of wet, hot and muggy weather. It is also the type of infection cows may pick up around calving time.

The two most common coliforms are escherichia coli (E. coli) and klebsiella. E. coli are generally associated with manure. Klebsiella is associated with saw dust bedding. Some coliform bacteria are very toxic and fast acting; udders can become hot and hard overnight, production can drop to near zero, and unless the cow is treated immediately toxins from the bacteria can be fatal to the cow.

The information below was developed from a chart used by

Penn State Extension Veterinarian, Lawrence Hutchinson. I thought it was an effective way of showing which practices are most effective against certain types of infections. It may help you target your efforts more effectively.

Three Ring Circus

For a mastitis prevention and control program to be effective, you need to focus your efforts on three major areas at once: 1. the infectious organism, 2. the cow,

and 3. the environment in which the organism thrives and the avenues by which they spread to the cow.

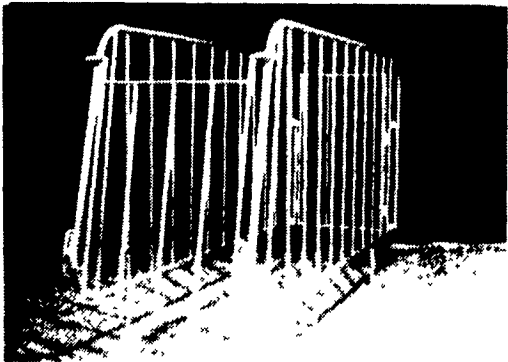
Eliminating current infections helps to give the udder an opportunity to heal and it reduces a source of infection for other cows. Culturing and treating plus complete and frequent milkouts will help. It is hard to rid cows of infection by treating during lactation. The best opportunity is to treat during the dry period.

(Turn to Page A33)

Effectiveness Of Procedures		Contagious	Environmental
Clean, Dry Surroundings:			
Maternity Area			Yes
Lots and Alleys			Yes
Stalls			Yes
Udders (teats)			Yes
Teat Dipping:			
Barrier Dips			Yes
Pre Dips			Yes?
Germicidal Dips	Yes		
Cow Towels - Disposable	Yes		
Back Flushing	Yes		
Segregate Infected Cows	Yes		
Cull Chronic Cows	Yes		
Dry Treating	Yes		
Treating Clinical Cases	Yes?		Yes?
Loops in Teats			Yes?
Milking Practices			
Complete Milkout	Yes		Yes
- good technique			
- oxytocin			
Infected Cows Last	Yes		
Frequent Milking	Yes		Yes
Pre-milk Leakers			Yes
Maintain Cow's Resistance	Yes		Yes
Nutrition & Health			
Se & Vit. E			
Cow Comfort			
Stall Beds			
Milking Equipment	Yes		Yes
Installation			
Maintenance			
Operation			

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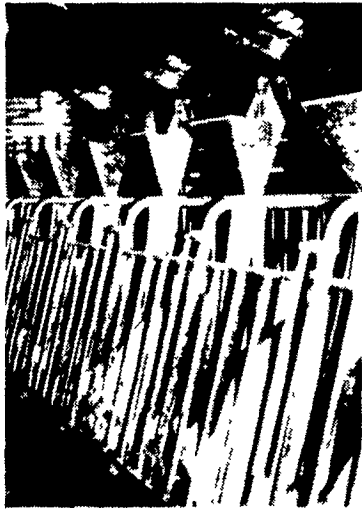
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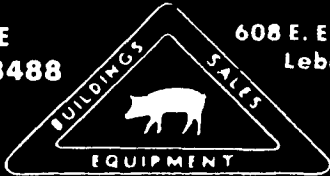
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Futures Market Analysis And Recommendations

By
Michael Orndorff, Director
PFA Commodity Futures
Service, Inc.

CAMP HILL - It has now been over two months since the Chernobyl nuclear accident and the bullish sentiment which engulfed the grain markets at that time have disappeared as quickly as they arose. Indeed, new crop wheat prices have completely retraced to their pre-disaster levels and new crop corn continues to carve out new contract lows. Tuesday of this week December corn futures established yet a new life of contract low at 1.80 (this is 98% of Government Support loan price, when you consider Gramm-Rudmann cut backs).

So it's safe to say that the radiation fall-out has come and gone with no sustained appreciable market impact? In reviewing the livestock markets we also find that a similar market pattern related to the Chernobyl accident. Indeed, in cattle, after the initial rally, the market reversed and proceeded to also make new contract lows as did the grains. This was do mostly to fundamental factors associated with back-logging heavy weight cattle and the psychological negative effect of the dairy herd buyout program. If this was the case in cattle there must have been some other fundamental factor which kept the hog futures from repeating the same pattern. Some will argue that hogs sustained their momentum due to seasonal factors

and although this may have some validity, the underlining driving force was of the pork product demand.

Given the proximity of the Scandinavian Countries to the Chernobyl nuclear site the Japanese were forced to find a new pork-product market. Their entry into our market was and is not a transitory or insignificant event. Few market analysis recognize this potential during the late May and early June markets and instead discounted the up turn in cash price due to the expectation of diminished kills. The drop in the hog runs was a definite factor, but even before this occurrence the ratio of pork-product, (particular loins), to live hog price had climbed to exceedingly high levels. Using this ratio barometer alone, a futures trader would have bought the June Hog Futures at fifty (50) dollars. Several days prior to the USDA Hogs and Pigs Report, June hog futures expired at fifty-nine (59) dollars and cash was already over sixty (60) dollars. Given the cautious nature of the Japanese people it is unlikely that they will soon leave the market. Just two weeks ago the United Kingdom banned slaughtering of sheep in Wales that were found to have unacceptable levels of radiation, other bans are still in effect. Even if all traces of radiation were to disappear and the situation in Western Europe returned completely to normal it may be very unlikely for the orientals to leave

what they have now found to be a very attractive market. It is true that the Japanese yen had been in an uptrend for some time, the yen's value has increased over twenty-five percent relative to the dollar since the first of the year and if we don't let this pork-product price get too far out of proportion, the United States will still remain a very competitive market for Japan's imports. Maybe it is true that the disaster at Chernobyl had no direct long lasting impact on our agricultural markets but more than likely it was the catalyst for dramatically increasing our pork export market.

Given the recent release of the USDA Hogs and Pig Report and the concurrent drop off in hog slaughter, (perhaps in reverse order), has added fuel to the fire as it pertains to the recent advance in hog cash and futures prices. However, the same ratio, pork-product to live hog price, that indicated by deliverable futures (June futures in early June) has since turned radically and last week indicated a near term top in cash hog prices. Given the extreme discounts of October and December Futures to the current cash market and the projected slaughter levels, the recent report suggests that a further substantial gain in these back months is very probably. The magnitude of which could rally both October and December futures above fifty-five

(55) dollars per hundred weight.

Some economists argue that the report of the diminished breeding herd (91 per cent of a year ago) is perhaps the sole reason for this pick up in potential (futures) price but the same senerio has been given over the last several USDA Hog Reports. More than likely it's the historical low spring pig crop and low farrowing intentions combined with a thirty percent increase in Japan's imports of pork-product. Some of the trade are even trying to discredit the magnitude of the decreased numbers in the report as well as the recent reversion of the March USDA Hogs and Pigs Report, but given the recent slaughter levels this argument is not valid. The numbers are real and this new demand is real, therefore, the dynamics of the hog market should continue through fall and early winter.

A three phase approach to the market should guarantee the

producer record high margin; 1) look to forward price August Hogs in the vicinity of fifty-eight (58) dollars per hundred weight; the cash market has seemed to have topped and relative to the USDA report we have some increased runs to look at through the July-August period. 2.) Forward price sale of hogs from late winter through summer of 1987; any price exceeding fifty (50) dollars for this period will guarantee handsome margins as long as feed needs are priced or procured for this period as well. 3.) Start a scaled up selling program by forward pricing a percentage of September through December production in the mid fifties area and continued scaling up until you have fifty percent or production covered and if the market approaches sixty dollars sell another twenty-five (25) percent. As indicated in the text of this column this period should be the most dynamic as far price advance.

No-Till Field Day in Lancaster Co.

LANCASTER - The Lancaster County Conservation District along with Brubaker Agronomic Consulting Service will be holding a field day at the Jacob S. King farm on Friday, July 11 at 10 a.m. The farm is located at Prospect Road just off the Strasburg Pike right outside Strasburg Borough.

The emphasis will be placed on proper no-till management for corn production. Mike Brubaker

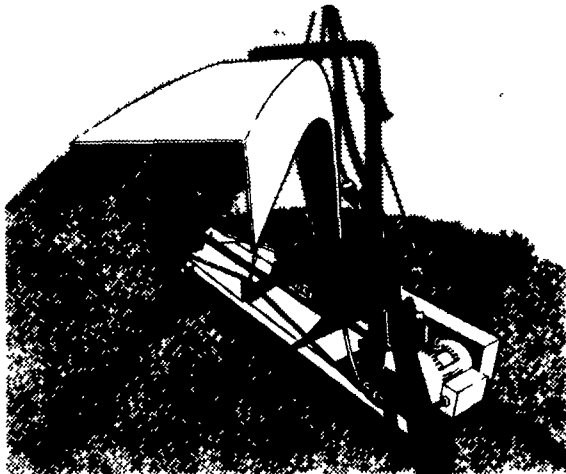
will be sharing some of his observations about conventional and no-till corn. Gerald Heistand will talk about no-till corn planters citing some of the problems he has experienced in working with the planter rental program.

In addition, a Soil Conservation Service representative will talk about soil conservation and nutrient management. Bob Gregory from the District will be on hand to explain the Chesapeake Bay Cost-share Program, and answer any questions. After a lunch at the farm, a tour will be available for those interested in seeing some no-till plots at other locations.

For more information contact Brubaker Agronomic Consulting Service at 627-0065 or the Conservation District at 299-5361. Reservations will be appreciated but are not required.

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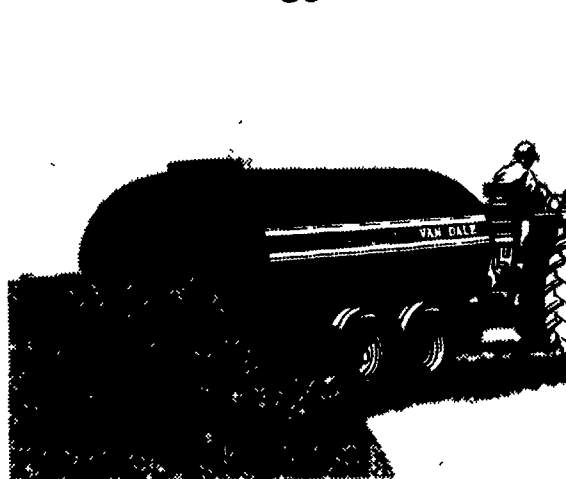
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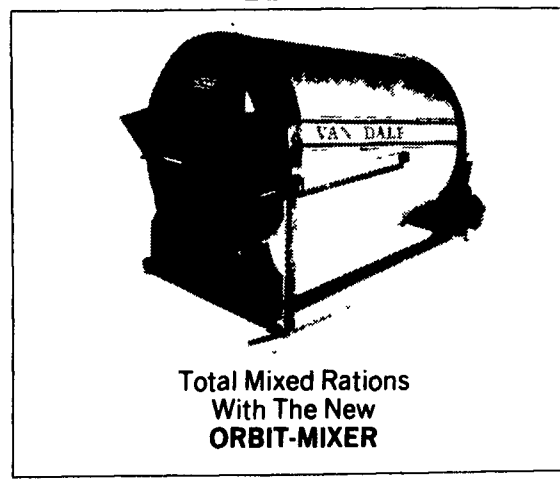
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Hillside Farms**15.5 Percent Fat Ice Cream, Creams Competitors**

BY BARBARA MILLER

Lycoming Co. Correspondent
SHAVERTOWN — Four generations of Conynghams have owned what is now Hillside Farms, Inc., Shavertown, for over 100 years. During this time many changes have occurred. The farm has grown from 100 to 500 acres, the herd has increased to 93 registered Holsteins, and the farm now features a dairy store that sells Hillside Farms milk and ice cream.

Throughout the years one factor has remained constant; the Conynghams of today are as farsighted and innovative as their predecessors.

William L. Conyngham, grandfather of the present owner, William L. Conyngham, and owner of a hardware company purchased the farm in 1881 as a summer home. Eventually, the farm was inherited by his sons, John and William H.

William H., father of the present William L., bought his brother's interest in the farm in 1932 wherein it became Hillside Farms, Inc.

Principal stockholders of the farm today are William L. and his two brothers and their families. William L., who lives near the farm, has always managed the farm while his brothers tend other family business. William L.'s sons, William H. who is known as Will, and Frank, manage the retail operation at the farm.

"We've been breeding Holsteins for 101 years and can trace our pedigree back to the first calf in 1885," says William L. proudly. "We used enough homebred bull that, that drop of original blood is still there."

Always progressive with his farming practices, William L. says they started on the DHIA testing program over 50 years ago and classifying over 30 years ago.

The Conynghams current herd average is 15,918 pounds of milk and 587 pounds of fat. Their most recent B.A.A. score is 103, according to William L. They raise their own replacement stock, and William L. notes they haven't bought a cow for five or six years.

Their milking herd is situated in a tie-stall barn located a short distance across the highway from the store. According to Ward Sutton, herdsman, the cows are fed 18 percent protein pellets, hay and pasture, and corn silage in the winter. Dry cows and bred heifers get a homemixed feed.

Cattle are pastured, William L. comments, because much of their land is composed of steep hills from which the farm takes its name. The herd is daily turned out on pasture for exercise.

Cal-Clark Board Chairman, Carlin M. Ivanhoe Bell are two bulls they are currently using and they are milking a number of Jemini and Elevation daughters.

The Conyngham's farm 250

acres and will harvest 170 acres of alfalfa and 80 acres of corn this year.

Historically the Conynghams have taken an active interest in the dairy industry and William L. is no exception. When he was elected a director of the Holstein-Friesian Association of America in 1962, it was the first time in the history of the organization that two relatives had been elected to the 16-member board. John Conyngham, his uncle, had served a term as director in 1913.

During the 1986 Farm Show, at the Pennsylvania Dairymen's Association Banquet, William L. received the Charles P. Cowan Award, presented in recognition of his leadership and concern in promoting the dairy industry. Currently a director of the Columbia-Luzerne County Holstein Club, William L. is a past-president of the Pennsylvania Holstein Association.

Although William L. enjoys talking about the past and other aspects of the farm, it is when he speaks of the retail store, built in 1977, that his eyes light up. It was something he'd always had in mind, he says, but never had the time or the energy to get done until his sons joined the management of the farm.

On the advice of a friend, they built the store considerably larger than they had need for at the time, he reports, but now they could use even more space.

In the rear of the store milk is processed and ice cream is manufactured. According to Will, federal law dictates that for a product to be sold as ice cream, it must contain at least 10 percent milkfat. Hillside Farms exceeds this lower limit in their ice cream, which contains 15.5 percent milkfat, giving it a much creamier texture than most ice creams.

"We started out hoping to sell ice cream to our milk customers," William L. observes, "but now it is the other way around."

Ice cream sales have taken a jump for several reasons. One contributing factor to increased sales is the fact that the dairy store is located just six miles from downtown Wilkes-Barre.

Another factor is an ice cream truck. A few years after the store was built, William L. recalls, they bought a truck and equipped it to sell their own hand-dipped ice cream. The truck makes regular trips on Thursdays to the public square in Wilkes-Barre and is available for company parties, fund raisers and other gatherings.

In the Luzerne County area, Will says, selling hard ice cream from a truck is a novel idea. The truck not only boosted ice cream sales by direct selling, but it also served as a promotion tool.

"It's nice that in promoting we can make money," observes Will.

Noticing the truck in the square in Wilkes-Barre, Al Boscov, owner of Boscov's, a chain of department stores, promptly negotiated with Hillside Farms to install an ice cream parlor in his downtown Wilkes-Barre store. This ice cream parlor scoops only Hillside Farms ice cream.

"The parlor has grown slowly but steadily," William L. notes.

About a year ago, the Conynghams turned a section of their store into an ice cream parlor. The idea has been a success.

"You should see them in here on Sundays," says William L.

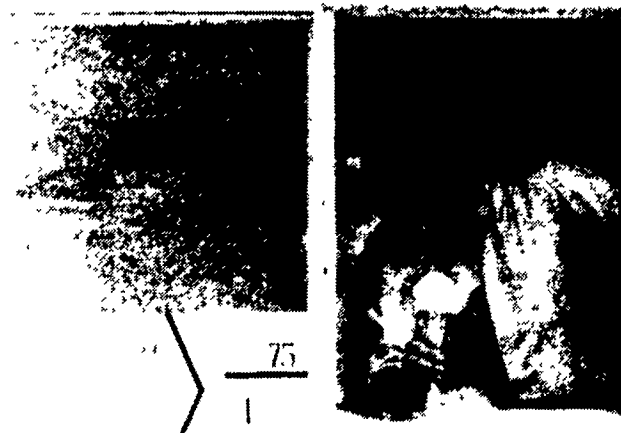
Not only do ice cream lovers find Hillside Farm's parlor on Sundays, but their tasty ice cream is noted in a book. Bon Appetite magazine refers to the book as the "ultimate directory for all ice cream lovers."

The book entitled, "The Very Best Ice Cream and Where to Find It," by Carol T. Robbins and Herbert Wolff may never make the best seller list, but it is one of



John Shorts packages the ice cream in half gallon and 2½ gallon containers for Hillside Farm.

HILLSIDE ICE CREAM



Frank Conyngham displays a sample of his wares on the ice cream truck. Selling hard ice cream from the truck is a fairly novel idea in the area. The truck goes to company parties and to Wilkes-Barre to the square to sell ice cream on a weekly basis.

William L.'s favorite books.

On page 244 of this book is a short history of Hillside Farms and a recommendation for their 15.5 percent milkfat ice cream. The listing has helped ice cream sales immensely.

"Anyway," William L. notes happily, "it put us on the map."

Will chalks up their increased ice cream sales to good marketing and the fact that they "buy only top-of-the-line flavors." They recently installed a computer to keep up with inventory and to aid in calculating the exact ingredients necessary to mix ice cream formulas, he explained. If the milkfat level in the milk or creams varies, he says, then adjustments must be made in the formulas.

Hillside Farms produces 800 gallons of ice cream per week and sells 360 gallons of milk per day. Of

the 40 flavors they manufacture, Will reports, their most popular flavors in half gallon containers are French vanilla, butter pecan, and chocolate.

Near the end of the interview, William L.'s son, Frank and two employees headed for the ice cream truck. According to Frank, they were headed for a gathering of 450 headstart children, all under 6-years-old.

One could get a bit seasick looking down upon a sea of waving hands in front of the truck window, each demanding a different flavor. It is a safe assumption that the 105 year history of the Conynghams, they have produced no other innovation that equals the widespread gut level delight than that created by their truck and ice cream parlors.



Will (left), William L. and Warren Sutton relax in the new ice cream parlor at Hillside Farms. Will manages the dairy store, which includes the ice cream parlor; Warren Sutton manages the actual farming and dairy operation for the Conynghams. William L. is the general manager of the entire operation.



Will Conyngham stacks gallons of Hillside Farms milk for sale to customers in the dairy store.

Water Trough Keeps Soil From Washing Away

BY SALLY DUNMIRE
Special to Lancaster Farming
LOCKPORT — Soil and water conservation measures have been practiced on the Ammon's Oliver Township farm since the early 1870's when Robert Ammon's grandfather started farming.

Today's three generation farm family is carrying on that same tradition. For their outstanding efforts, the Ammons have been nominated for the 1986 National

Endowment for Soil and Water Conservation awards program.

This fourth annual awards program, sponsored by the endowment and the Dupont Corporation, picks a worthy farmer or rancher from each state. The original field is narrowed down to ten national finalists. From these finalists three national winners are named.

Many conservation improvements have been made over the years on the 330 acres of the

Ammons dairy farms.

The first subsurface drainage on at least three of the fields were dug by Robert's grandfather shortly after the original 98 acres were purchased. Ditches were excavated by hand and with the aid of horsepower, then stone was put in place. Many of these old systems are still draining land on the Ammons' farms.

Robert's father passed on the conservation efforts by teaching Robert to let sod strips and to skip waterways in areas where water drained away while plowing with draft horses.

William, Robert's son, partner and co-owner of a 77 Holstein milking herd, continues the same philosophy. According to William, "It really pays. A lot of our acreage wouldn't be tillable, probably 20 to 30 acres, without those drains."

The elder Ammon added "maybe up to 50 acres."

Other improvements include a conservation system, contour strips, no till corn, fall cover crop, and additional drainage pipe which includes two blind wells and a spring development.

This spring development transforms a hillside pasture from a nearby swamp to a usable grassland with an easily accessible drinking trough for the cows.

Gully erosion on this hillside was considerable in the past, however, the problem was corrected with the addition of the trough. They diverted the natural spring into a 1,000 gallon tank that drains into a concrete watering trough with a frost free hydrant.

Other conservation projects have been completed on other



The Ammons, (left) Michael, Robert and William, stand by their spring conservation project. With the installation of this 1,000 gallon watering trough, they were able to redirect the spring which had been causing serious erosion problems.

portions of their farm.

The Juniata river, which flows along the Ammons' fields, did considerable damage to the river banks during the 1972 flood. Since then they have replaced dirt and stone to the river banks, reclaiming what rampaging flood waters had washed away.

Part of the historic Pennsylvania canal and lock (hence the name Lockport) run between their fields and the river. A large gully "big enough to sit a car in" was repaired. The offending spring creating the gully, from the old canal to the river, was concrete tiled to prevent further damage.

Other plans being considered are

no-till legume seeding as well as the pro's and con's of a manure storage pit.

William's son, Michael, 16, plans to join his father and grandfather on the farm after graduation. "Conservation is a good idea," Michael commented.

Robert Ammon previously served as chairman of the Agricultural Stabilization and Conservation Service county committee for 12 years.

Soil and water conservation is important to insure enough food and water for future generations. The Ammon family is a model of conservation practices in Mifflin County.



Prior to the installation of the trough, erosion was creating gulleys such as the one pictured here.

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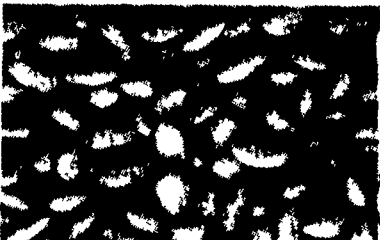
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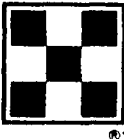
Nutrient	Major Function(s)
Protein	Muscle
Fat	Body Reserves
Calcium	Bones, Body Fluid
Phosphorus	Bones, Metabolism
Zinc	Metabolism
Copper	Blood
Iron	Blood
Cobalt	Blood
Potassium	Body Fluids
Magnesium	Body Fluids
Manganese	Metabolism
Iodine	Thyroid
Selenium	Muscles
Sodium Chloride	Body Fluids
Vitamin A	Eyes, Skin, Metabolism
Vitamin D	Bones
Vitamin E	Muscles, Metabolism
Vitamin B12	Blood, Metabolism
Vitamin K	Blood
Biotin	Metabolism
Thiamine (B1)	Nerves, Metabolism
Niacin	Nerves, Metabolism
Riboflavin (B2)	Enzymes
Pantothenic Acid	Metabolism
Choline Chloride	Metabolism
Pyridoxine (B6)	Blood, Metabolism

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High SCC Levels Don't Always Equal Mastitis

NEWARK, Del. — The July 1, 1986 deadline is fast approaching for dairy farmers who will be confronted with new somatic cell count regulations. The new regulations state that unless herd milk tests are below 1 million levels per milliliter, milk shipment will be cut off.

While many dairy farmers have managed to keep somatic counts low in recent years, "the new regulation could not come at a worse time," according to George W. Haenlein, dairy extension specialist at the University of Delaware. Farmer financing of the federal buyout program and continued milk surpluses have put dairy farmers under a lot of new financial stress.

Parts of the Northeast are experiencing unusual heat and drought much earlier in the year than normal, and the stress of the coming summer heat is fast approaching.

"These factors can affect somatic cell counts," the specialist says, "just when the new regulations are going into effect. While in many cases high somatic counts indicate the presence of mastitis or subclinical mastitis, studies at the University of Delaware Agricultural Experiment Station and elsewhere have shown this is not always true."

Dairy farmers can take several steps to keep cell counts low in tanks, Haenlein says. For example, during the first week or so after calving and during the last month before drying up, many cows have high somatic counts without the presence of mastitis. Keeping milk from these cows out of the tank will help keep tank

counts low. Cows in heat also have higher somatic counts, though it is harder to keep this milk out of the tank.

Haenlein's studies have shown that first strippings and last milk — especially last strippings by hand or machine — have higher somatic counts. So he advises farmers not to strip, or to strip and discard that milk before milking.

Keeping cows calm and quiet can also help hold down somatic counts, as shown by a University of Arizona study.

In an attempt to simulate stress conditions, cows were injected with a steroid which stimulated adrenalin production. These cows experienced significant somatic cell increases by the next day, which lasted up to seven days. The cows had no previous history of mastitis, had been free of pathogenic microorganisms, and had tested low on somatic cell counts before the injections.

High summer temperatures also affect somatic cell counts in milk, Haenlein says.

In the Arizona study, cows with previous low cell counts experienced significant cell count elevations when exposed to heat. These higher levels lasted as long as the hot weather did, with a carry-over effect into November. In this study, leucocyte levels in the blood also rose. In mastitis-free quarters of cows, the fluctuation in somatic cell counts of milk was found to be a function of the leucocytes of the blood.

While not all high somatic cell counts are a sign of mastitis,

Haenlein says elevated levels often do indicate subclinical mastitis.

In order to sell more of their milk, producers must do the best possible milk and cow management job. Keeping cows disease-free and monitoring stress and heat factors can help. Also, keep milk from drying-up-cows out of the tank, and don't afterstrip.

Haenlein advises dairy farmers to get a California Mastitis paddle (CMT) for their milking parlors and use it on each cow every day. Then farmers should have no worries about the July 1 deadline.

Furchtenicht and Stern Join Journal

COLUMBUS, Ohio — Gayle Furchtenicht, Sarona, Wisconsin has accepted the position of assistant editor with the Guernsey Breeders' Journal. Since May 27 she has been assisting with magazine production and promotional efforts of the American Guernsey Cattle Club.

Furchtenicht earned a Bachelor of Science Degree in dairy science and agricultural journalism from the University of Wisconsin-Madison this May.

While at the university, she was a member of the dairy cattle judging team for three years and was part of the high overall team at the 1985 National Intercollegiate Contest. While active in the UW-Badger Dairy Club and Association of Women in Agriculture, she was also on the Dean's Honor List.

During the summer of 1984 Furchtenicht interned with American Breeders Service in DeForest, Wisconsin. Last fall she worked in cooperation with Wisconsin Dairy Herd Im-

provement Cooperative to promote the somatic cell count option statewide.

Currently she is writing feature articles for Hoard's Dairyman Magazine. Other experience includes an internship with the Washburn County Register, the newspaper for Shell Lake, Wisconsin.

Furchtenicht is the daughter of Howard and Jean Furchtenicht of Nu-Wing Holstein Farm, Sarona, Wisconsin. She works out of the AGCC headquarters office in Columbus, Ohio.

Sondra Stern of Highland, Maryland has also joined the Guernsey Breeders' Journal staff as an intern for six months. Starting in mid-June Stern will assist with advertising, feature stories, magazine production and promotional efforts of the American Guernsey Cattle Club.

Currently a student at Virginia Polytechnic Institute and State University of Blacksburg, Virginia, she is majoring in dairy science. She is active in the

Virginia Tech Dairy Club, the American Dairy Science Association and the Alpha Gamma Rho.

Stern has directed publicity campaigns for the Virginia Tech Dairy Club. She also has coordinated workshops and developed both radio and television broadcasts to promote the dairy industry, on both county- and state levels.

A former 4-Her, Stern has had work experience in research analysis, assisting with lactation studies at Virginia Tech. At the University of Maryland she has assisted with data entry for mainframe computers and bulk mailing data collection.

Stern is the daughter of Melvin Stern, Highland, Maryland. She will work out of the AGCC headquarters office in Columbus, Ohio.

May Meat Production Up

Pennsylvania's commercial red meat production (dressed weight basis) during May 1986 at 85 million pounds, was up six percent from last year according to the Pennsylvania Agricultural Statistics Service.

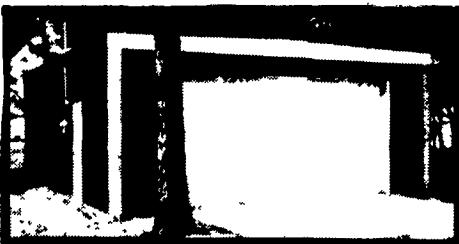
Beef slaughter all 111 million pounds liveweight was up 18 percent from May 1985. Total head slaughtered

were 96,000, an 18 percent increase, while the average liveweight decreased seven pounds to 1,156 pounds. The veal slaughter was 3.4 million pounds liveweight, up 13 percent. Calf slaughter of 18,900 head was up seven percent, and the average liveweight increased nine pounds to 179.

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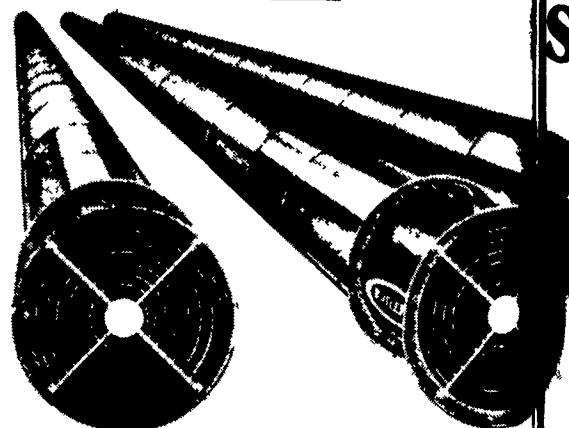
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Growth Continues at Eastern Milk

SYRACUSE, N.Y. — Eastern Milk Producers continued a five-year pattern of growth in fiscal 1986, recording record profits of \$631,000 and returning a cash dividend to member farmers, even though lower milk prices resulted in a decrease in sales dollars.

The results were announced recently in a joint statement by Earl Forwood, President, and Michael Donovan, General Manager, at a meeting in Syracuse of some 107 delegates representing more than 4,000 Eastern farmers throughout the Northeast.

"Milk and milk product sales hit \$324 million. That is down from last year's \$331 million because of lower prices for raw milk," Donovan said.

Most of the \$324 million in sales revenue went directly to member farmers, who produced 2.17 billion pounds of milk in fiscal '86. President Forwood announced that for the fourth consecutive year Eastern farmers received full Federal order value for the milk they produced.

The net proceeds of \$631,000 represents a 44 percent jump over the previous year's net of \$438,000. The fiscal year ran from April 1, 1985, to March 31, 1986.

Slightly more than half of the profits — \$325,000 — is being returned to farmers in the form of a cash dividend at the rate of 1 1/2 cents per hundredweight of the total volume of milk each member produced during the year. The balance of the net proceeds will go toward reducing debt.

The cash dividend is the first the Syracuse-based cooperative has declared in more than 15 years, and reflects "growing financial and marketing strength," Donovan said.

"It is one more sign, that we made the right decision to go beyond just selling, and get into the business of handling and processing milk," Forwood said, pointing to Eastern's cheese plants at Waverly, N.Y., and Horseheads, N.Y.; a bottling plant at Homer, N.Y.; a butter and powder plant at

Grover, Pa.; milk receiving-transfer plants at Dover, De.; and Sunbury, Pa.; and a state-of-the-art laboratory in Waverly.

"The farmer-owned cheese plants in particular have been the cornerstone of success that we've been able to build on," noted Forwood who runs a dairy farm at

Hop Bottom, Pa.

Eastern acquired the cheese plants in 1982 and leased them to Leprino Foods, the largest manufacturer of mozzarella cheese in the U.S., under a 20-year milk supply agreement.

"One of the brightest spots in Eastern's improved financial

picture," Donovan said, "was its Dairy Products Division, which had record sales of \$7.1 million". Headquartered in Canton, Pa., the 7-year-old Dairy Products Division operates four dairy stores and a bulk-buying grocery service for member and non-member farmers in 11 states.

Harold Neigh To Retire From PSU

UNIVERSITY PARK — Harold E. Neigh, associate professor of agricultural economics at The Pennsylvania State University, will retire June 30 after 30 years of service to the University.

Neigh, who worked with the Pennsylvania Extension Service, focused primarily on food economics and food policy as they affect families and institutions as food buyers. Working closely with nutritionists, home economists and public health specialists, he taught consumer marketing through extension workshops and in-service education for county-based extension staff.

Neigh used the mass media heavily in his programs. He is well known throughout the state for his weekly newspaper column, "Food News," carried for many years by the Associated Press. The columns, which Neigh authored since 1956, offered information about such issues as rising food prices, price controls, and alternative food choices. He regularly gave consumers information on seasonal items and best buys at the supermarket, including selection and preparation tips.

Neigh appeared frequently on WPSX-TV and other public and commercial channels throughout the state. He was also a long time

contributor of consumer information to the College of Agriculture radio service.

In addition, Neigh developed a number of educational materials, including slide-tape presentations

used by the Pennsylvania Extension Service to help low-income families gain better control of their financial resources.

Neigh holds a bachelor of science degree in horticulture and a

master's in agricultural economics, both from Penn State. Before joining the University faculty in 1956, he was a marketing specialist with the United States Department of Agriculture for six years.

State Allocates \$75,000 for Mushroom Industry

HARRISBURG — State Senator Noah Wenger has announced the approval of a \$75,000 allocation to the Department of Agriculture within the state budget for the purpose of Pennsylvania mushroom research and promotion.

"Increased foreign competition in the form of imported canned mushrooms has made a definite impact on the mushroom industry in Pennsylvania, especially Chester County," said Wenger. "Mushroom growers have experienced market losses and are feeling the crunch caused by the influx of imported canned mushrooms."

Chester County has become the mushroom capital of the United States — if not the world. Today, more than 50 percent of all

mushrooms produced in this country come from 160 farms in the Chester County region.

"The fresh mushroom industry represents an integral part of the economic foundation of this region of the state," said Wenger. "By

increasing research and promotion of mushrooms, we hope to make Pennsylvania and the nation more aware of the wholesome and nutritional value of fresh mushrooms."

Pruning Tomatoes

If you are training your tomato plants to a stake, now would be the time to start pruning and tying, says Jeff Jabco, Delaware County Extension agricultural agent. The general idea of pruning is to leave two good vigorous stems on which all fruit will be produced. Remove all others. The main stem or leader of the plant

will be one choice since this will produce the first blossom cluster. The second stem to be left will be a "sucker shoot" or lateral branch growing from the main stem.

The best lateral to select is the one that forms just below the first blossom cluster.

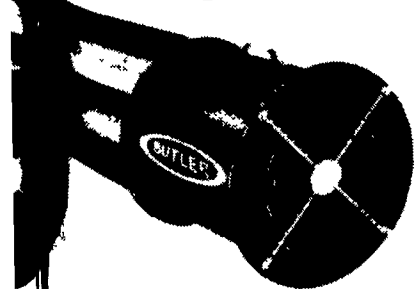
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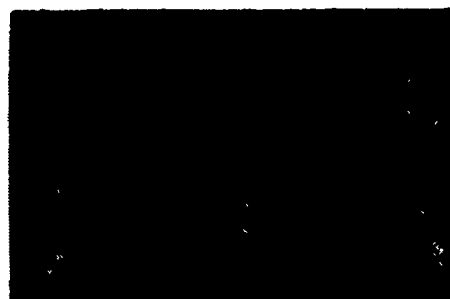
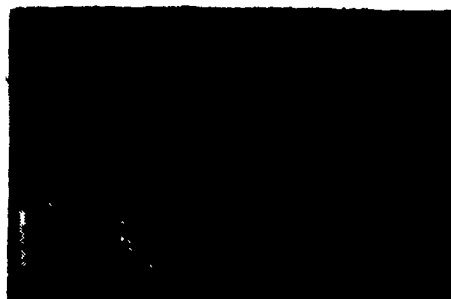
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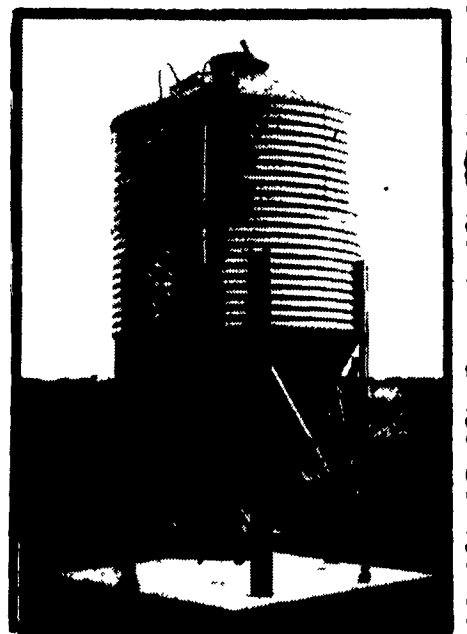
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Danish Farmers Compare Cultures on Farm Tour

BY GINGER MYERS

Adams County Correspondent

GETTYSBURG — "How much money do you make and how long do you work?" This was the common question asked by a group of thirty-two Danish farmers and their wives as they toured four Adams County farms recently as part of a 12 day tour through the mid-Atlantic states.

The group, representing dairy, hog, and crop producers, was hosted by the Adams County Farmers Association while in Pennsylvania. They toured a dairy operation at the John Hess farm, James Sanders' hog farm, the Round Hill Foods, Inc. turkey processing plant, and the Peters Farms orchards.

The tour was organized by Svend and Inge Jacobsen and Ole and Virginia Holst. Jacobsen is an agricultural teacher in Denmark and he and his wife had taken the same group on a tour of farms in Russia last summer.

Ole and Virginia Holst came along with the group on their bi-annual visit to Virginia's father's farm in Harney, Md. Ole and Virginia met in 1963 when Ole was Denmark's representative to the world plowing contest held that year in Canada.

Ole had been an agricultural exchange student in Pennsylvania in 1953 and returned to visit his host family after the contest. It was during that visit that he met Virginia who was a registered nurse. Virginia lived in Denmark for a year before marrying Ole.

Following their marriage Ole farmed full-time and Virginia continued her nursing. Interest in bringing a group with them to the states on one of their return visits prompted Virginia to contact her family who then contacted the Adams County Farmers Association and set-up the county tour and a tour of the Gettysburg historical area.

The continued itinerary of the group included visits to Washington, D.C., Williamsburg,

and Philadelphia. Their time spent in Adams County was their only time devoted solely to visiting farms. Serving as tour director for them while in the states was Bente Arquin, a native of Denmark, now working with Greyhound.

At Jo-Bo Dairy Farm, John and Bonnie Hess, Gettysburg, the Danes were impressed with the totally computerized feed and milking system. Surrounded by modern technology, the Danes questioned their host as to the respectability of his profession in this country. The Danes find themselves to be less respected in their homeland than other professions in spite of their government paid agricultural education.

To be a "qualified farmer" in Denmark, a person must first complete one year of practical experience. This involves working away on other farms for only your room and board. Next the student receives five months of classroom study called "the first course".

Then the student leaves school for two to three more years of practical experience. The final classroom experience is a nine month extensive program concluded by final exams. If the student passes his exams, he is designated a qualified farmer and receives a green chart. The green chart may then be used as proof of qualification for special low-interest government loans to the student the first time he establishes his own farm.

Ole Holst explains that just like in the states, there is a concern about bringing on the next crop of young farmers. Debt load and long working hours are a detriment.

He explains that hired labor is hard to come by in Denmark and that your labor must be paid overtime after working for eight hours, must be given regular days off each week, must be given extended holiday time, and that everyone in Denmark gets five weeks of vacation time. Most young farmers can not afford this, so they do

everything themselves. The labor problem also limits their farm size. For example, most dairy operations are only 40 to 50 cows since that's all a single family can handle.

Also, he went on to explain that most of the established farmers have the capital to outbid a young farmer for both land and equipment. In an effort to prevent large corporate farming in Denmark and to make more land available for sale, the government forbids anyone from owning more than two farms.

The group took great interest in James Sanders, Gettysburg, hog operation since most of them were pork producers themselves. Sanders and his three sons operate a 200 sow operation, farrow to finish. Most of the visitors commented that in Denmark hogs must be grown in more closed housing than is permissible in this area due to the colder Danish winters.

Ole Horst, who is a pork producer, explained that two-thirds of all pork produced in Denmark goes for export into the European Economic Community (EEC). The majority of this pork goes to England as bacon. Denmark exported 10.5 thousand million Danish crowns worth of bacon and pork meats in 1984. Eight Danish crowns equal \$1.00. Their other exports include butter, cheese, canned meats, and furs. In 1984 Denmark's total agricultural exports were valued at 43,512 thousand million crowns.

On the import side of the scale, machinery, fertilizer, chemicals, and protein sources such as soybeans and cottonseed, account for the majority of agricultural products imported. Danish farmers produce their own corn and sugar beets for silage for their dairy cows. They also grow barley, wheat, and a small amount of oats. Their small grains are used to finish hogs to about 200 pounds. Their average cow production is similar to their U.S. counterparts.

Their tour of Round Hill's turkey processing plant provided them



John Hess, center, welcomes a group of Danish farmers to tour his Bo-Jo Dairy. Hess milks 150 cows and has a computerized feeding and milking system.

with a unique look at the latest in poultry processing. Round Hill Foods, Inc., is the 18th largest turkey producer in the country with a fully integrated operation.

None of the members of the group were involved in poultry production, but many questioned the working relationship between Round Hill and its 32 contracted growers. The Danes expressed a mistrust for this type of contracting since they view the farmer as only a laborer for the big company in this situation.

The final stop on the tour was at Peters Orchards, York Springs. Peters Orchards consist of 2,000 acres of orchards located in the heart of the county's 25,000 acre fruit belt. John Peters, President of Peters Orchards, Inc., met with the group and explained much of the work-a-day operations.

The Danes have a keen interest in chemicals and their application in farming and are spraying more in Denmark now than fertilizing. Peters related that the average fruit farm in his area is spending between \$100 to \$150 per acre for herbicides, insecticides, and fungicides. Peters continued to

explain that his three greatest costs are chemicals, labor and related taxes, and finally equipment and buildings.

The Danes produce little fruit in their homeland since Denmark is a member of the E.E.C. and most of their fruit is imported from France, Italy, and southern Germany. Local Danish producers can not compete with the lower prices of the imported fruits. Approximately two-thirds of all of Denmark's farm products are marketed by farm cooperatives on the Common Market.

Following a long day of touring, the group retired to a special picnic and bonfire at the Francis Hull farm in Harney. Their celebration coincided with a similar celebration being held in Denmark that same night. June 23rd is St. Hans Day in Denmark. It is the longest day of the year in Denmark and it is their custom to celebrate the nearly 24 hours of daylight with picnics and bonfires.

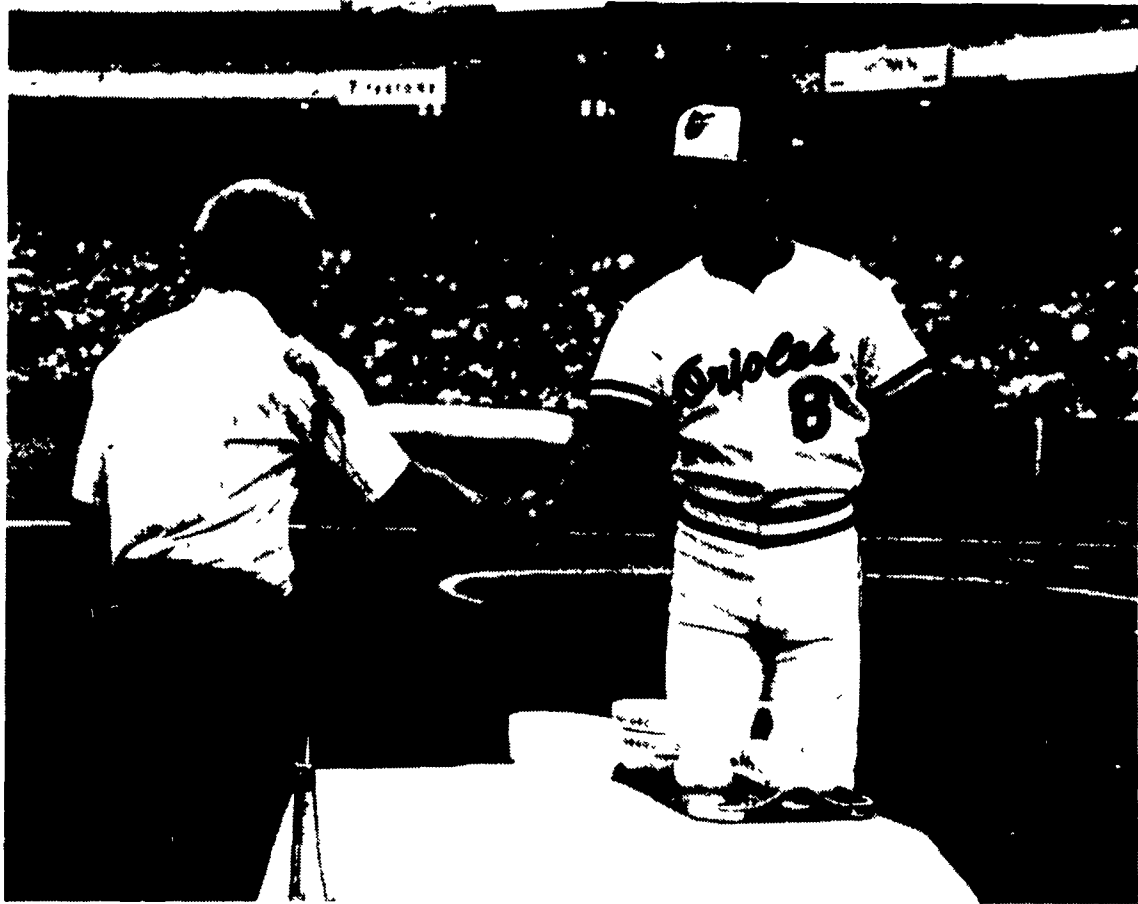
Tradition has it that the fires are to chase the witches back to Germany on their broomsticks. It seems that the sleepy little village of Harney got a witch purging this year too.



Danish tour group members view the hog operation of James Sanders, Gettysburg, during a day long tour of four farms in Adams County. The county tour was hosted by the Adams County Farmers Association. Pork production is a major agricultural commodity in Denmark.



Adams County Farmers Association President Atlee Keefer explains an Adams County soil map in dairyman John Hess's office to Danish visitor Ole Holst. Holst is part of a Danish farm group touring the mid-Atlantic state recently.



MAMMA Congratulates Cal Ripken

Byron (Barney) Meredith, Treasurer of the Middle Atlantic Milk Marketing Association (M.A.M.M.A.) congratulates Oriole's third baseman, Cal Ripken, Jr., for a great job of promoting milk in a pre-game ceremony on "Jacket" night, Thursday, June 19, 1986, at Baltimore's Memorial Stadium. Ripken is seen and heard in local milk commercials sponsored by M.A.M.M.A. and run in the Baltimore, Washington, York-Harrisburg and Philadelphia markets on radio and TV.

Reduce Summer Heat to Increase Profits

BY DR. GEORGE F.W. HAENLEIN

Extension Dairy Specialist
University of Delaware

NEWARK, Del. — Summer heat is here again, and it's time to take steps to protect milking cows from its effects.

Without your help they will suffer in a number of ways which can also have economic consequences. Cows can't tell you when and if they suffer. They simply give less milk with a drastically lower milkfat percentage, don't come into estrus, don't show estrus and don't conceive.

What can you do to prevent the harmful effects of heat stress on your milk herd?

Short of installing air con-

ditioners — which would be ideal but probably aren't an economical solution these days for most dairy farmers in this region — you can do quite a few things, starting with exercising common sense.

Physiologists have shown that the comfort zone for Holsteins is between 35 degrees and 70 degrees F. So on days when the temperature is above 70 degrees, you can expect problems with your cows — especially the high milking ones.

In the presence of high humidity, the effects of summer heat can be even more severe, because the cows make thermoregulatory adjustments in their physiology, nutrition and behavior to overcome hypothermia. These adjustments are somewhat easier to

make in a breeze.

The windchill factor, so feared in winter, is a great benefactor in summer. By installing strong fans you can artificially create extra wind to cool their backs, especially if you spray them with water first.

One common behavior adjustment of cows to heat stress is daytime lethargy, which reflects their reduced metabolic activity. This also means less feed intake and less sexual interest, which are alleviated in part by shifting activity to cooler night hours.

Cows require frequent drinks of clean, cool water to combat daytime heat stress. Have water bowls nearby, providing at least one for every 20 cows to take care of the timid ones. Unfortunately, green algae grow fast in the bowls

on summer days, which makes the water taste different, causing it to be less attractive unless they're suffering badly from thirst. So you need to clean out the bowls several times each week to keep water palatable.

The same goes for water tanks. Some farmers keep goldfish in their tanks to reduce algae growth and feed contamination! It really works, and the cows don't seem to mind.

To support high milk production, cows must eat large amounts of heat-producing feed.

Fibrous and protein feeds produce even more heat, but these are essential in the diet to avoid low milkfat tests and body weight loss.

When cows eat more concentrates and less forages to

reduce heat stress from digestion, they suffer an acute potassium shortage. Potassium goes into the milk daily and must be replenished mainly from silages and hays or whole cottonseed. Grain corn and other common grains and by-products in the concentrate ration (except for soybean meal) cannot supply this potassium in sufficient amounts.

Like humans, cows also sweat. But where we lose sodium, they lose potassium, which further aggravates the shortage.

Current potassium recommendations for dairy cattle are 0.8 percent of the total daily feed intake. Research in Texas and Florida shows great benefits in improved feed intake when this level is doubled for milking cows during hot weather.

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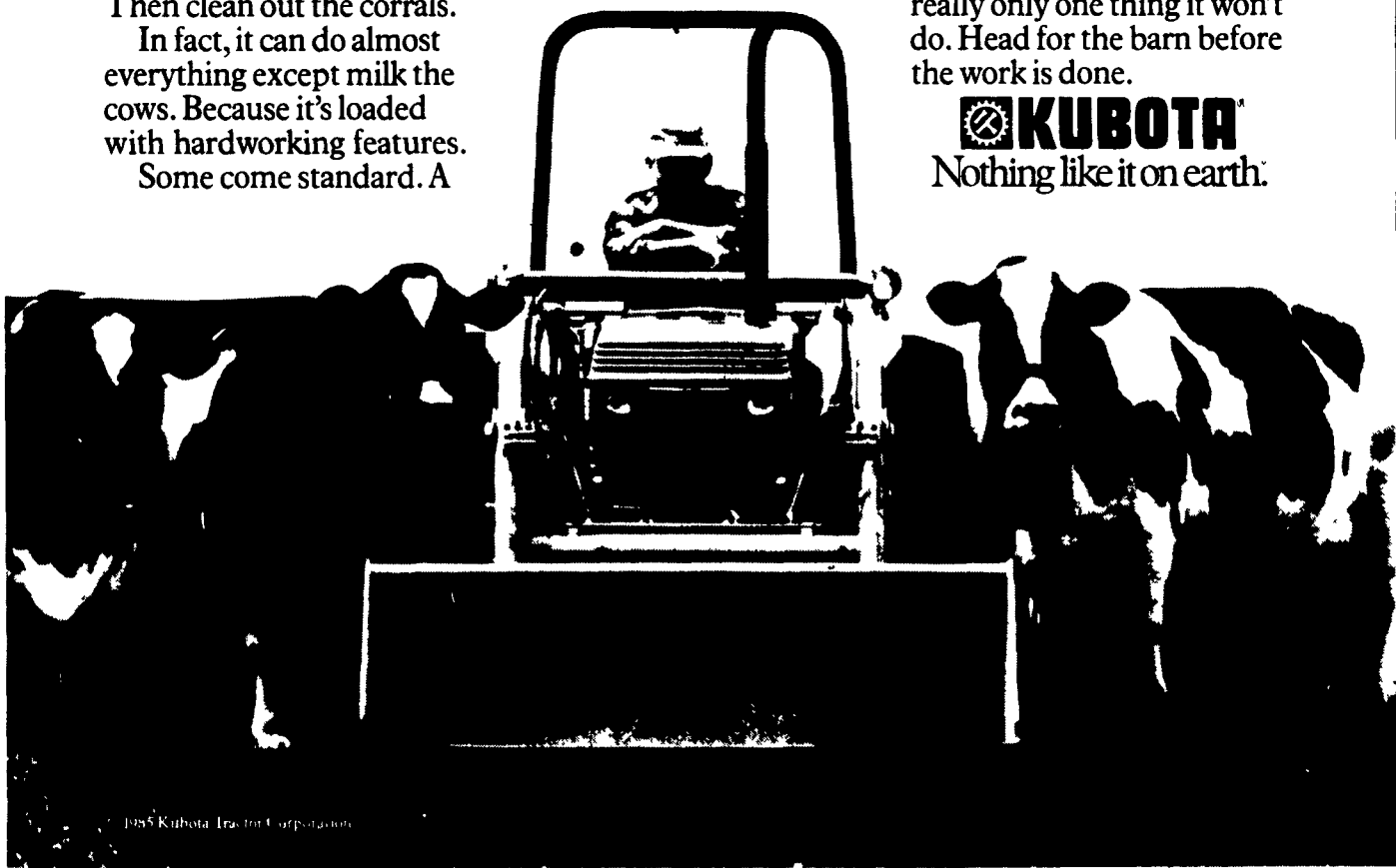
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Crops Day Highlights Forage, Small Grains Research

BY JACK HUBLEY

STATE COLLEGE — The tour wagons were filled to capacity at Penn State's annual Crops Day held at the Rock Springs Agricultural Research Center on June 26. The topics were small grains and forages, as agronomists escorted the crowd to university test plots where the latest findings in varieties, management and disease and insect control were discussed. Some of the day's highlights are discussed below.

Small Grains as Forage

Agronomist Sidney Bosworth thinks that a fairly recently introduced small grain crop called triticale may have some potential as a forage. A wheat-rye hybrid, triticale's name comes from a combination of its parent crops' Latin names, *Triticum* (wheat) and *Secale* (rye).

In studies conducted in 1984 and '85, triticale matured five days later than wheat and about two weeks later than rye. This year the rye was harvested on May 15, and the wheat and triticale were both harvested at the boot stage on May 23.

Yields for all three species were similar last year, with triticale registering the highest yield of the three in 1984. This year, triticale yields were less than rye but higher than wheat.

From a quality standpoint, Bosworth found that crude protein levels were similar in the three species at comparable stages of maturity. Triticale's total digestible nutrient level averaged slightly lower than wheat and rye.

Regardless of the species grown—wheat, barley, rye or triticale—the winter cereal grains offer a hedge against corn silage losses in drought years, in addition to reducing soil erosion during the winter months, says Bosworth. They adapt well to steep hillsides where farmers may want to break an alfalfa cycle without going to highly erodible row crops.

Potential Problems with Brassicas

A balanced diet is no less im-

portant for livestock than it is for humans, according to USDA agronomist David Gustine. Most forage crops can cause animal health problems when fed as the total diet, and brassicas are no exception, he points out.

Two major antiquity components present in brassicas are the glucosinolates and S-methyl cysteine sulfoxide, or SMCO. When fed to ruminant animals, glucosinolate is converted to toxic compounds that interfere with thyroid function and result in appetite problems and weight loss.

Elevated SMCO levels interfere with the normal action of red blood cells and can result in anemia in livestock.

Gustine emphasizes that such problems crop up only after brassicas are fed exclusively for four to six weeks or longer. "So it's really a question of dosage," he says. One way to avoid problems is to ensile brassica crops. Studies show that glucosinolate levels decrease by 90 percent and SMCO levels drop 20 percent when brassicas are ensiled.

The best way to avoid overdosing livestock on these two antiquity compounds, however, is to limit exclusive feeding of brassicas to no more than two to four weeks. Better yet, feed these crops in a forage mixture, Gustine says.

Warm-Season Grasses

Pennsylvania summers may be enough to cause ryegrass and orchardgrass to lose their cool, but the warm-season grasses, such as switchgrass and bluestems are well adapted to the midsummer simmer.

"These grasses are native to this country," says agronomist Jerry Jung. While the cool-season grasses essentially shut down when temperatures exceed 90 degrees, warm-season varieties do nearly 70 percent of their growing after June 1.

Warm-season grasses also require less fertilizer, Jung points out. In addition to requiring less phosphorus, warm-season

varieties are more than twice as efficient as cool-season varieties in utilizing nitrogen.

The switchgrasses and bluestems are very efficient users of water, as well, says the agronomist. High temperatures and low moisture levels that will wilt tall fescue fail to have detrimental effects on warm-season varieties.

Although warm-season grasses have a reputation for being difficult to establish, Jung points out that stand establishment techniques have improved in recent years. Two factors critical to producing a healthy stand are early seeding, preferably in late April to early May, and controlling competition from weeds.

The quality of warm-season grasses is generally considered to be as good or better than cool-season varieties. Studies begun last year at Penn State are attempting to provide more information on quality with respect to grazing.

Red Clover's Advantages

An important hay crop in Pennsylvania, red clover has been used longer than any other forage, points out agronomist Steve Fales. The crop is well adapted for ground that is either too acidic or too wet for alfalfa.

"One of its benefits is its high seedling vigor," says Fales, noting that red clover does well when no-tilled or frost seeded in late winter.

Fales recommends harvesting red clover no later than the early bloom stage, since later cuttings will take off the second growth as well, which retards the next cutting. The agronomist notes that farmers should not count on much production after the first major harvest year.

Handling Round Bales

Researchers had a number of recommendations for reducing losses when using round bales. Ag engineers Paul Anderson and Bill Kjølgaard demonstrated a bale lifter-transporter that makes bagging the big bales easier. The bags were five to six-mil low density polyethylene that hold 500 pounds of dry matter.

Demonstration bales were made from first-cut alfalfa bagged at 40 to 45 percent moisture the same day that the bales were made. Anderson recommends dropping the tractor speed one gear below normal baling speed to improve bale density. Researchers did not recommend evacuating the bags, since the material is slightly



Agronomist Jerry Jung inspects a stand of Niagara big bluestem. Such warm-season varieties do well during the state's hot, dry summers, and adapt well to both livestock production and conservation programs.

permeable to air and water. Cost per bag is \$5 to \$6, which is comparable to other storage systems, according to agronomists. Bags that are torn can be used a second year by enclosing them in a new bag.

The engineers also demonstrated another way of making good hay by injecting round bales with anhydrous ammonia. For both round and square bales, moisture levels should be 20 to 30 percent for this process. The ammonia is injected via a probe into the center of the bale. Bales are then partially covered with a sheet of plastic.

Alfalfa Fertility

Extension agronomist Douglas Beegle stressed the need to plan ahead when fertilizing for alfalfa. "We need to look at fertility about the time we plow up the old stand," he says. "Once the sod is established it takes a long time to make changes with fertilizer."

In addition to requiring plenty of phosphorus and potassium, alfalfa is one of the most sensitive crops to pH, Beegle cautions. It's important to get soil pH as close to seven as possible so that the crop can fix all the nitrogen that it needs, since

nitrogen deficiencies can definitely hurt alfalfa yields. The agronomist urges farmers to lime their fields at least one year before the proper pH will be needed.

Should starter fertilizer be used when an alfalfa stand is being established? Beegle said that research in this area has produced inconsistent results, but the key factor seems to be stress. If conditions are very wet, cold or dry, or soil fertility is low, then the stand will be likely to respond to starter fertilizer. Placement of starter fertilizer is critical, however. "It's got to be directly under the seed," cautioned the agronomist.

Should manure be applied to established stands? Although the crop will likely respond to the additional potassium and phosphorus, the extra nitrogen doesn't seem to help, since the alfalfa will already be fixing nitrogen from the air. The added nitrogen will spur the growth of grasses in an alfalfa/grass mix, which will then tend to outcompete the alfalfa. "If you've got to put it on alfalfa, put it on the old fields first," Beegle recommends. "You've essentially signed the death notice on those fields," he concludes.



Agronomy professor Elwood Hatley discusses barley varieties with an attentive Crops Day audience. The day-long tour highlighted Penn State forage and small grain research.



Agricultural engineering professor Bill Kjølgaard applies anhydrous ammonia to round hay bale. Probe injects 2½ pounds of ammonia when bale is at 20 to 30 percent moisture level.

Living Mulches Control Soil Erosion

BY MARY MAXWELL

Centre Co. Correspondent

ROCK SPRINGS — The use of crownvetch as a living mulch may be the answer to soil erosion problems for farmers. For years this perennial legume has been used for soil stabilization and erosion control on roadsides. Now Dr. Nathan Hartwig, associate professor of Weed Science at Penn State, is looking at the use of crownvetch as a way to control erosion plus increase fertility in field crop production.

On a tour last week at Penn State's Agronomy Farm at Rock Springs, Dr. Hartwig discussed his research. He referred to a research plot where there was a 99 percent reduction in soil erosion on a 14 percent slope. "The corn was even planted up and down the slope," Hartwig commented, "But I wouldn't advise doing that except on a research plot." Hartwig found that with reduced water runoff, pesticide run-off was also reduced 95 percent or more.

He found that for best results the crownvetch should be seeded after small grains have been harvested for silage. This allows the crownvetch to become established before winter. The following spring, legume or legume/grass can be seeded into the crownvetch. Then corn could be planted the following year. Corn could also follow the crownvetch seeding with hay, corn or small grain the following year. Small grains when planted into crownvetch compete least and so allow the crownvetch to get established. The following years the field can be planted to hay, corn or small grain again. For each crop Hartwig makes specific herbicide recommendations.

Hartwig and his associates originally studied crownvetch in no-till settings, but now they have planted research plots using a variety of tillage methods: chisel plow, deep disking, minimum till, and no-till. They also are studying various methods for seeding

the crownvetch.

As a part of a regional project with Rutgers, Cornell and the University of Maryland, the Rock Springs farm has test plots of other living mulches. These are flat pea, red, crimson and subterranean clover, Austrian winter pea, hairy vetch and winter rye.

Living mulches also provide some competitive weed control. "Crownvetch may reduce corn yields 5 to 10 percent," says Hartwig, "but the loss has to be compared with the value of additional weed control, soil erosion control and the feeding value of fall pasture or stalklage after corn grain harvest."

A pamphlet, "Crownvetch and No-Tillage Crop Production for Soil Erosion Control," is available from Dr. Nathan L. Hartwig, Department of Agronomy, 119 Tyson Bldg., University Park, PA 16802. A single copy is free and additional copies are 50 cents.



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Grass-Roots Makes Point at National Holstein Convention

(Continued from Page A1)

ownership, i.e. \$10,...\$5, if the change of ownership is required where no actual sale has been made because of the death of a member, or is to a member of one's immediate family. The Board of Directors may, in addition to the minimum fees, prescribe fees which shall apply in any case when the application is not received within 30 days after the date of change of ownership.

New York State's revision of this proposal was adopted. The revision set a transfer fee of \$10 on all registration received in

Brattleboro, Vt., 45 days following the sale date. After 45 days the fee increases to \$25. The \$5 fee for transfers within a family was accepted as proposed.

Officers who were re-elected include president M. Duane Green, Michigan; vice president Max K. Herzog, California; director Robert Beauprez; and director B. J. Powell, Indiana.

New directors include Thomas Kelly, Pennsylvania, and winning an upset victory was the dark horse, candidate, David Bachmann, Wisconsin, whose can-

didacy was announced on the floor by the Breeders' Majority.

In his address to the convention, president Greene suggested that the individual member is experiencing poor communications with the Association. "Maybe part of the problem of the Association is internal problems. The diversity of our membership makes the setting of policy and rules by the board and implementation by management a hazard."

He suggested replacing winter forums with member forums, where every member would be welcome. Directors would chair the meetings and members would lead discussion about issues they think are important to them. Staff would be there as resource persons.

Zane Akins, executive secretary, presented a four-part program to improve communications between the individual and the Association. The program called for a restructuring of winter forums, to open member forums; development of membership task forces on specific issues; funding for mail and phone surveys of members; and establishment by each director of a small group of respected members from which they can obtain regular feedback.

Viewing the organization at a crossroads, he noted that the Association can "continue to support genetic research programs and expand programs and services to help all Holstein dairymen to breed more efficient and productive dairy cattle. Or we can limit the Organization's efforts to recording of parentage and issuance of certificates with evaluation programs based on intuition."

He also proposed "that



Berks County's senior dairy bowl team took second place honors at the National Holstein Convention in Milwaukee, Wisconsin. Members, from left, coach George Merrill, Mark Moser, Doris Stump, Naomi Herbst, and Charlie Seidel.

Delegates place financial control of the association completely in the directors' hands. Decisions could be made in an objective environment as opposed to a political one, often times emotionally prompted by a lack of facts."

JUNIORS CONVENE DJM'S AND DAIRY BOWL WINNERS DECIDED

In a close contest that was tough and go throughout, Berk County, Pennsylvania's entry in the Dairy Bowl Senior Team Contest, fell short. They lost to New England representative in the contest.

George Merrill coached the Berks County team which won the right to compete at the National Convention by besting all other senior teams at the Pennsylvania Holstein Convention. Team members include: Mark Moser, Charles Seidel, Naomi Herbst and Doris Stump.

Michael Iager of Fulton, Md. and Douglas Wolfe of Richfield

Springs, N.Y. were two of the six Distinguished Junior Members named at the convention.

Iager is the eldest son of Judith and Charles Iager, Jr. Together with his two brothers, his uncle and family, and paternal grandparents, they own and operate Maple Lawn Farm. Iager is involved in all aspects of the operation from milking to field work to preparing their turkeys for market. He is currently a sophomore at the University of Maryland Institute of Applied Agriculture, majoring in dairy farm production.

Wolfe works with his parents, Mr. and Mrs. Howard Wolfe, and his younger brother Mike on their 290-acre family farm. Wolfe handles all the various tractor jobs and assists with other jobs around the farm. Following graduation from State University of New York-Cobleskill, he plans to continue breeding top-quality registered Holsteins.



Among those breed leaders calling for Breeders' Majority mailing-list signup was the New Jersey Holstein treasurer, Genie Francisco.

National Sale Sparkles With \$76,000 Top

BY JOYCE BUPP

York County Correspondent

MILWAUKEE, Wis. — A chilly wind blew misty rain outside the Wisconsin State Fairgrounds on Monday, dampening spectators but not spirits as the Century II sale kicked off the 101st National Holstein Convention.

High bid in the sale went to an empty sale ring. As several ringmen acknowledged buyer interest with enthusiastic shouts, bids jumped at a fast pace. At the \$76,000 mark, the gavel cracked and a male bull calf — due in August — went to the Brewer Syndicate of Mississauga, Ontario.

Buyers purchased the first choice of males from a flush to Arlinda Rotate by the EX-94 Ron-De-Ro Genie Wayne Spring.

The Wayne Springs Fond Apollo daughter carries a Cow Index of plus 1412 milk and a CTPI of plus 722 and is 38th on the Honor List. She holds both 305 and 365-day New York State records. At 4 years and 10 months, her 365-day record was completed at 43,161 pounds of milk and 1,496 pounds of fat with a 3.5 percent test.

Second high bid of \$73,000 was for a S-W-D Valiant heifer bred to Marshfield Elevation Tony and selling with five pregnancies guarantees. Hilltop Hanover B Damara-ET sold to Pintail Point Farms, Queenstown, on the Maryland Eastern Shore.

Her dam is the EX-91 Ocean-View Elevation Debbie, also a holder of New York State 365-day records. The next two dams are Excellent with records over 40,000 pounds of milk.

She was consigned by B. Giles Brophy, Hilltop Hanover Farm, Yorktowne Heights, N.Y.

Third high bid of \$67,000 was for a 3-year-old daughter of Arlinda Rotate. Donbar Rotate Trudy sold with signed bull contracts up to \$30,000, six pregnancies to Ned

Boy, and 18 embryo contracts. In her first lactation, at 1 year and 10 months, her 365 day record was 21,806 pounds of milk and 961 pounds of fat with a 4.4 test.

Her dam is a VG-86 Elevation and her second dam is by Jet Stream. She was consigned by Hardys Holsteins, Tipton, Mich., and purchased by Lou Whitaker, Harlam Georgia.

Fourth high bid of \$33,000 was for a 5-year-old Pete daughter. Sch-Mo Pete Lois, EX-93, was named All-Oklahoma and Reserve Grand. On her first test, she produced 112 pounds and is backed by an 88 point dam with 114,000 lifetime pounds of milk.

She was consigned by Bobby Peck, Oklahoma, and purchased by Charles Stroh, Connecticut.

Fifth high bid of \$32,000 was on a 6-month old daughter of Arlinda Rotate. Gillbrook RH Caressa-ET is out of the Paulo-Bro EMP Columbia cow (EX-90-GMD), who has three records over 30,000 pounds of milk and one over 35,000 pounds. Her next dam is EX-95 and has records over 31,000 pounds of milk.

She was consigned by Gillbrook Farms, Pennsylvania, and purchased by Ebony Bull Capital, Pennsylvania.

Sixth high bid of \$29,000 was for a 4-year-old VG-85 daughter of Valiant. Belleview Valiant Jennie-ET sold with an AI contract to Ned Boy and Rotate, as well as embryo export contracts. Her dam is an Excellent Elevation daughter with a 6-year-old record over 36,500 pounds of milk.

She was consigned by Frank Bialozynski, Wisconsin, and purchased by the B Syndicate, Wisconsin.

Seventh high bid of \$28,000 was for a 4-year-old daughter of Valiant. Mun-Cre Valiant Misty was bred by Lester Poust of Muncy, Pa. and sold with \$19,500 in contracts and pregnancies by Ned

Boy, Kirk Boy and Rotate. This VG-86 cow topped last year's All-American sale held in Harrisburg and produced 30,900 pounds of milk in her last lactation.

She was consigned by Nova Rose Ltd. of Illinois and purchased by Misty Associates.

Two entries sold for \$25,000.

The first, eighth high bid of \$25,000 was for a Valiant heifer. Long-Haven Valiant Samantha's dam, a Very Good Bell daughter, produced a record of 37,521 pounds of milk as a 3-year old. Her next dam, VG-88 has a 4 year and 10 month record of 47,281 pounds of milk.

She was consigned by Long-Haven Farms, Michigan, and purchased by Ebony Bull Capital, Pennsylvania.

A second bid of \$25,000 was for a 7-year-old daughter of Glendell. Hi-De-Ho Glendell Niki, a proven red carrier, is a maternal sister to the bull Hi-De-Ho Sunset Kid-Red. As a 6-year old, she completed, in 365-days, a record of 23,760 pounds of milk with a 4.3 percent test.



Although the bidding pace was lively, the ring was empty as the sale topper went for \$76,000. The high-seller was a bull calf by Rotate to be born in August.

She was consigned by Karl Waters, Wisconsin, and purchased by James and Joan Knutson, Wisconsin.

The sale averaged \$9,800 on about 133 head. Horace Backus,

sale pedigree reader, commented, "The sale presented a realistic value of registered Holstein cattle today."

Tom Morris and Jim Hoskens, Wisconsin managed the sale and served as auctioneers.

Kelly Elected National Director

MILWAUKEE, Wis. — Thomas W. Kelly, Tyrone, Pa., was elected to the position of National Director for the Holstein-Friesian Association of America at the National Convention early this week, replacing William Pettit, New Jersey, who was not eligible for re-election.

As a breeder of registered Holsteins since 1974, Kelly has developed a top herd of 70 cows averaging over 21,000 pounds of milk, 750 pounds of fat, and 650 pounds of protein with a 103.5 B.A.A. Kelly is director of the Pennsylvania Holstein Association where he served as chairman of the Program Development and

Evaluation Committee, the Membership Activities Committee, and general chairman of the 1983 State Holstein Convention.

Kelly has been a delegate to the National Convention for six years, past president of the Penn State Dairymen's Club, past president of the Blair County Extension Executive committee, director of the Morrison Cove Dairy Show and past director of the Blair County's Farmers Association.

Prior to entering farming, Kelly worked as an agricultural extension agent in Blair County, fieldman for the Pennsylvania Holstein Association, district manager for Curtiss Breeding

Service, fieldman for HFA in New England and New Jersey, and manager of the Pennsylvania All-American Dairy Show, Keystone International Livestock Show and the Pennsylvania Farm Show competitive entries.

He is currently a director for West Central Farm Credit System of Baltimore Bank, Pennsylvania PDCA representative on state 4-H and FFA Dairy Show, Armsby Committee member to evaluate and provide future direction for Penn State's College of Agriculture. Kelly also serves his community as an officer in school and church organizations.

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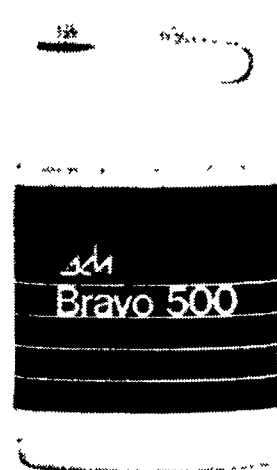
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Guernsey Field Day Set

QUARRYVILLE — Lancaster County Guernsey Club will hold their annual Field Day on August 7 at the Robert Wagner farm in Quarryville.

Starting at 10:30 a.m. Guernsey enthusiasts will judge three classes of Guernseys. At noon a lunch, with a cost for adults of \$3.50, will be served to be followed by a business meeting and awards from the morning's judging competition.

To get to Wagner's farm, follow Route 222 south through Lancaster to Quarryville. Bear left at the "Y" on Little Britian Road. Drive about three miles and turn left on Ashville Road (this road is unmarked). At Kingpin Road turn right, followed by a right on Scott Road. Wagner's farm is the first farm on the left.

For more information on the Field Day, contact Gerald Garber at 717-464-2894.

Ayrshire Field Day Set

LATROBE — Ayrshire enthusiasts are invited to attend the annual Pennsylvania Ayrshire Field Day, scheduled for Saturday, July 19 at the Paul R. Kemerer and Son Farm, Latrobe.

Visitors to the Kemerer Farm will view a new loose housing heifer barn and a new ram system manure storage.

William Dretz of the Pennsylvania Farmers' Association will speak on pollution laws of current concern to farmers. Wes Gordon of the ASCS will talk on the management of a manure system. Westmoreland County Agent, Gary Sheppard will also be on the agenda.

Following a luncheon, a short business meeting will be held and production awards will be given.

An Anything Goes Auction to benefit the Pennsylvania Ayrshire Youth Club will be held.

Also on the agenda for the youths is a judging contest.

Reservation can be made by contacting the Kemerers at R 3, Box 311, Latrobe, Pa., or 412-423-4491.

Virginia Ayrshire Breeders Assoc.

ARODA, Va. — State officers for the Virginia Ayrshire Breeders Association are: David Jones, president; Louise Perrow, vice-president; Jane Heyward, secretary; and Jack Perrow Jr., treasurer.

Board of directors for the association include: Roger Bradley, Niel Jones, Jack Perrow Jr., Duane Forrest, William Orrock, Nick Poe, Kelley Webb and Carter Elliot Jr.

Maryland-Delaware Swiss Association

THURMONT, Md. — The Maryland-Delaware Brown Swiss Cattle Breeders Association is composed of 40 adult members and 15 junior members. The main objective of the club is to promote the Brown Swiss breed of Cattle.

Each year the club sponsors a calf sale to make animals available for 4-H and FFA projects.

Upcoming events for the club include a picnic on July 19 at Flemings farm, Hollywood. The Maryland Canton show will be held on July 26 at the Frederick Fairgrounds, Frederick. Later in the year they will hold their annual banquet and meeting. This is set for November 25.

Officers for the association include: George L. Bassler, president; Webber Bell, vice president; Madeline Valentine, secretary; and Robert Sigler Jr., treasurer.

Directors for the association are: Lee Bassler, Arthur Litton and Richard Black, Harold Long.

One of the activities of the Maryland-Delaware Swiss Association is their annual calf sale. This is a picture from their 1986 sale. Junior leadsman is Eric Fleming and the auctioneer is Wayne Sliker, St. Paris, Ohio.

Somerset County Holstein Club

BERLIN — This summer, on July 25, Somerset County Holstein Club will be hosting their annual Somerset County Fiesta, a fun evening for the members of the club. It will be held at the Berlin Community Grove.

Two days prior to the Fiesta, on July 23, the club will host their annual Black and White Show at 7 p.m.

The Somerset Fall Classic Sale is slated for August 27. A chicken barbeque by the junior holstein club will begin at 6 p.m., followed by the sale at 7:30 p.m. The club has been sponsoring this sale for the past 25 years with consistently high quality animals and a high dollar average. Last year's sale averaged \$1,605 on 39 entries.

Somerset County Holstein Club is a very active organization that has great pride in its membership and annual activities. Members of the club participate in one of the largest district Holstein shows in the state with an average of 200 entries.

The club is a proud supporter of dairy promotion and enjoys having our County Dairy Princess and the County promotion committee involved with both these activities.

Directors and officers of the Somerset club are: Paul Countryman, president; Don Glessner, vice president; Barbara Berkley, secretary-treasurer; Dan Carr, state director; and Wayne Schrock, news reporter. Directors for the club include: Philip Beachey, John Will, Dennis Reiman and Bill Huntsberger.

Directors for the Somerset County Holstein Club are, left, William Hunsberger, Wayne Schrock, Philip Beachey, John Will, Paul Countyman and Dan Carr.

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Washington/Greene County Holstein Club

WASHINGTON — Officers for the Washington/Greene County Holstein Club are: Rex Smith, Avella, president; William Paxton, Washington, vice-president; Gene Painter, Avella, secretary; and John Grice III, Washington, treasurer and state director.

Chairman for club events are: Dwight Hunter, West Alexandria, calf sale; Rod Rankin, Burgettstown, calf sale, breed improvement, and special activities; Chris Hamilton, Avella, show; Patty McMurray, Eighty Four, junior leader; and Judy Grice, Washington, news reporter.

Upcoming events for the remainder of 1986 include a club picnic in July, the Washington County Fair and Black and White Show on August 18 to 23, and the annual meeting slated for November.



Directors of the Washington County Holstein Club are (left) Bill Paxton, John Grice, Dwight Hunter, Rex Smith, Christ Hamilton, Rod Rankin and Gene Painter.

Juniata County Holstein Club

MIFFLINTOWN — Serving as president of the Juniata Holstein Club is Melvin Martin. Other officers include: Rick Saner, vice-president; and Glenn Henry, secretary-treasurer.

Directors for the club are: Donald Adams, Norman Lone, Sam Metz, Ronald Mummah, Glenn Simonton, and Steve Wilson.

A barn meeting with the classifier is scheduled for December. Also, later this summer, the club will be taking their annual field trip.

Virginia Guernsey Breeders Assoc.

HARRISONBURG, Va. — State officers for the Virginia Guernsey Breeders Association are: Dan Brubaker, president and national director; Richard Carden, vice-president; Jack Newbill, secretary-treasurer; and Jacqueline Everett, assistant secretary.

Board of director members are: D. Lynn Brubaker, Dan Brubaker, E. Cline Brubaker, Richard Carden, John Crowgey, James Hizer, Jack Newbill, Dennis Rawley, and Wayne Wampler.



Directors for the Juniata County Holstein Club are: front row left, Don Adams, S.F. Metz, Glenn Simonton, John Cope and Ronald Mummah. In the second row left, Mel Martin, Rich Saner, Steve Wilson, Norman Lone and Glenn Henry.

Brown Swiss Breeders Association

NEW BRUNSWICK — Officers for the New Jersey Brown Swiss Breeders Association include:

Thomas Smith, president; Thomas Hoffman, vice president; Melody Heaton, treasurer; and Frank Wright, secretary.

Butler Holstein Club

SAXONBURG — Four events headline the list of summer activities for the Butler County Holstein Club. On July 22 they will be hosting the annual County Holstein Show.

A twilight meeting will be held at the Clinton and Harold Rader farm in Connoquenessing on July 29 at 7 p.m.

The Butler farm show will be held on August 7 and the summer event climax with the annual Sale of Stars on October 8.

The Butler County Holstein Club has served the needs of the local breeders for over 50 years. This club was instrumental in organizing the Western Pennsylvania Championship Show. They also helped to establish the Western Pennsylvania Sale of Stars, which in its first year of operation was the top club sale in the nation.

Directors for the Butler club are: George Dean, president; Brad Cooper, vice president; Kenneth Scheidemantle,



Howard Halstead

secretary-treasurer; Norman Graham, youth director; Leroy Hogg, sales representative; Dave Leslie, show chairman; and Howard Halstead, state director.

Virginia State Holstein Assoc

SUTHERLAND, Va., — State officers with the Virginia Holstein Association are: Edward Titmus, president; Joseph Houck, vice-president; Margie Ann Dick, Warrenton, secretary-treasurer; and Nelson Gardener, national director.

The Loudon Fairfax Holstein Club officers include: Carol McComb, president; John Everhart, vice-president; and Nancy Potts, secretary-treasurer.

The Northern Valley Holstein Club officers include: Bernie Frye, president; David Hardesty, vice-president; Frank Eaton, secretary; and William Janney, treasurer.

The Fauquier-Prince William Holstein Club officers are: Harold House, president; Jim Ott, vice-president; and Patty Leonard, secretary-treasurer.

The Piedmont Holstein Club officers are: Donald Taylor, president; John Wells, vice-president; and Mrs. Byrd Inskeep, secretary-treasurer.

The Shenandoah Valley Holstein Club officers are: Jeff Cline, president; Lee Heizer, vice-president; and Steve Craun, secretary-treasurer.

The Blue Ridge Holstein Club officers are: Charles Milliron, president; Galen Fisher, vice-president; and Rita Scott, secretary-treasurer.

The Mountain Empire Holstein Club officers are: David Barns, president; Danny Wolfe, vice-president; Eric Crowgey, secretary; and Katie Altizer, treasurer.

The Atlantic Holstein Club officers are: Larkin Moyer, president; Forest Nuckols, vice-president; Cecelia Moyer, secretary-treasurer.

Board of directors for the Holstein club are: R.E. McComb Jr., Edgar Tillett, Jack Hardesty, Charles Smith, Danny Rayburn, Byrd Inskeep, Riley Wagner, Roland Roudabush, Dan Horst, Curtis Scott, Charles Milliron, Charles Miller, Charles Wall, Jimmie Kerr and Larkin Moyer.

Refreshments & PRIZES



• Try our new Round-the-Clock Teller and Win!

A Star on your receipt means you are an INSTANT WINNER

Stop into the office & claim your prize!

Enter "all" of your receipts in our GRAND PRIZE DRAWING for a Zenith VCR

Entry box in the lobby

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A fling to New York City a trip to Williamsburg or a holiday in Orlando!

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Pick up a menu of accounts and services to review. Make sure you are taking advantage of all of the safety and convenience that banking has to offer.

All contests available NOW.

Winners will be drawn at the Grand Opening Celebration on August 9th

Grand Opening Celebration

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- The New Accounts winner of trips!
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Participants need not be present to win

OFFICE HOURS

	MON	TUE	WED	THU	FRI	SAT
LOBBY & LENDING	9-3	9-3	9-3	9-6	9-7	—
DRIVE-IN	9-6	9-6	9-6	9-6	9-7	9-12

Manager Glenn M. Snavely

Beginning June 30 1986

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New Jersey Farmland Assessment Filing Date

We are reminded each year by the Secretary of Agriculture that filing deadline for farmland assessment applications is August 1...and that it is indeed a deadline! There is no grace period for late filing.

Landowners who have been in the program are well aware of this annual requirement, but to be sure that everyone gets the word, Secretary Arthur Brown issues his statement this time of year.

"Farmers who do not apply their local assessors before August 1 will lose the tax benefits of farmland assessment for the 1987 tax year," the Agriculture Secretary warns.

He urges people who qualify for the program to apply now, not wait for July 31 or August 1. "This state program is absolutely critical to the survival of agriculture in the Garden State," he said.

Farmers in New Jersey, even with the lower assessment, still pay the second highest real property taxes in the nation.

The farmland assessment law became effective in 1965. It allows land in agricultural and horticultural production to be taxed on their ability to produce rather than on market value. The key word is land. It is the land that is farm assessed.

The farmhouse, lawn and garden areas, barns and sheds, are not assessed at reduced value, but

taxed on full value, the same as other property owners.

TO QUALIFY

In order to qualify for farmland assessment, the land must encompass at least five acres, and this land must have been actively devoted to agriculture for two consecutive years immediately prior to the request.

The five acre minimum does not include the land occupied by the home and its immediate surroundings (lawns, flower and vegetable gardens for home use).

The land must produce at least \$500 in gross sales of agricultural, horticultural, or forestry crops for the first five acres. For land over five acres, sales per acre must average at least \$5 per acre for all cropland, or 50 cents per acre for all woodland or wetland.

There is now an "unattached woodland" category. It is land that is devoted 100% to forestry practices.

Owners who have been on the farmland assessment program in 1986 will receive the 1987 forms directly from the tax assessor. New applicants, and this is important, must initiate the request for forms from the local tax assessor. They won't come automatically.

WORKSHOPS SET

Elaine Barbour, Hunterdon County Agricultural Agent, will be scheduling workshops for lan-

downers on farmland assessment. Provisions and requirements will be discussed with lots of time for questions.

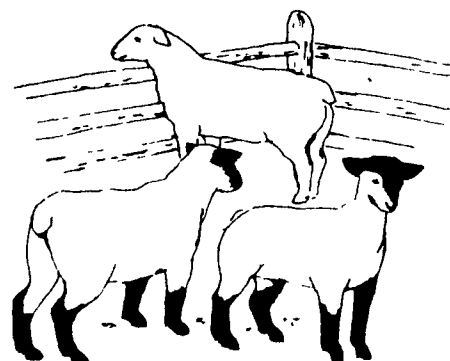
Watch for notices of these sessions, or call the Cooperative Extension office for information and to register.

All Cooperative Extension programs are offered without regard to race, color, national origin, sex, or handicap.

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YOUR REAL BUSINESS PARTNER

Delegate Meeting Scheduled

STRONGSVILLE, Ohio — the 1986 mid-year delegate meeting of Milk Marketing Inc. is July 9, at The Fawcett Center for Tomorrow, The Ohio State University, Columbus, Ohio.

Keynote speaker for the event will be Congressman Jim Jeffords, (R-Vermont), agriculture committee member and ranking minority member for the House of Representatives Livestock, Dairy and Poultry Subcommittee.

MMI President Herman M. Brubaker will update delegates on MMI activities, the national dairy promotion campaign, and the

legislative battles surrounding the 1985 Farm Bill and the whole herd buyout.

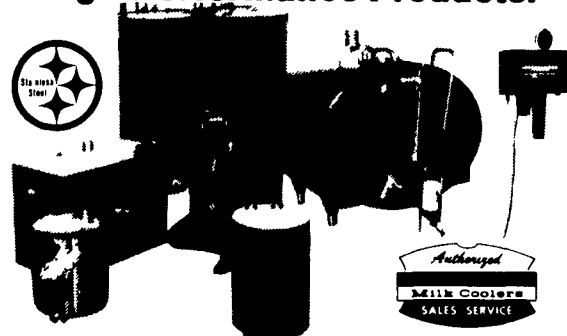
Dr. Robert Jacobson, ag economist, The Ohio State University will present the pros and cons of supply management system to control milk production. MMI General Manager Gordon Riehl will present the management report.

Registration begins at 9:30 a.m. in The Fawcett Center for Tomorrow. The meeting begins at 10:30 a.m. The facility is located just north of The Ohio State University stadium, at 2400 Olentangy River Road.

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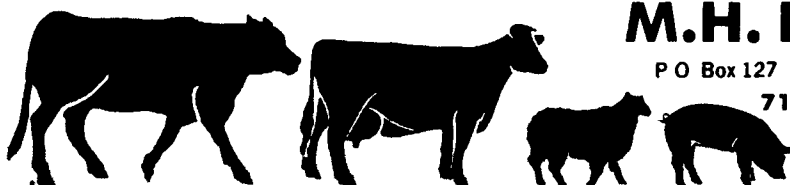
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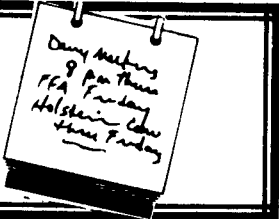
For more information on the economical choice in livestock trailers, contact:



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Farm Calendar



(Continued from Page A10)

Friday, July 11

Keystone Ram and Ewe Show and Sale; continues through July 12, State College.
Pa. Angus Breeders Show, Centre Hall; continues through July 12; contact Chet Hughes, 717-394-6851.

Saturday, July 12

Vermont Sheep Sale, Addison Co. Field Days Grounds, New Haven, Vt. Contact Michael Clandon, 802-545-2249.
Regional 4-H Demonstration Day, Sullivan County High School, 9:30 a.m.
District III Jersey Picnic starting at 11 a.m. at Driesbach's Long Meadows Farm.

Sunday, July 13

National Ice Cream Day.

Monday, July 14

Eastern Judging School; continues through July 15, York County, noon to noon.
Adams County Dairy Tour to Franklin County.
Sullivan County 4-H Roundup.

Wednesday, July 16

Couples Cooperative Conference, PAFC, Sheraton Inn, Danville; continues through July 18.
National Corn Growers Convention; continues through July 18; Clarion Hotel, St. Louis, Mo.
Annual Meeting, Pa. Vo-Ag Teachers Association, Penn State University.

Thursday, July 17

Bradford County 4-H Fashion Revue, Wysox Presbyterian Church, 9 a.m.

Friday, July 18

Pa. Young Farmers Summer Conference, Penns Valley; continues through tomorrow.

Saturday, July 19

Pa. Cattlemen's Field Day, Rolling Ridge Farms, Karns City. Contact: Lowell Wilson, 814-863-3659.
Summer Picnic, Pa. State Beekeepers Assoc., Delaware Valley College, Doylestown.
Mid-Atlantic Classic Hampshire Sheep Show and Sale, Manheim Fairgrounds.
Pa. Ayrshire Field Day, Paul Kernerer Farm, Latrobe.
Berks County Night at Reading Phillies (Between Games Promotion).
Tenth Annual Snitz and Knepp Festival, Enders Grove, Pa. 4 p.m. to 11 p.m.

Lancaster Farm Sells For \$1.95 Million

LANCASTER — A mobile home dealer paid nearly \$2 million for a Lancaster County farm in a public auction here this week. Larry's Homes Inc. of Dover Delaware, who purchased the 113-acre Achey farm for \$1,950,000, plans to put a 592-unit mobile home park on the land.

The purchase price for the farm works out to \$18,571 per acre, some \$14,500 more than the average price county farmers paid for agricultural land in 1985. That figure is based on 105 acres planned for the mobile home park. The remaining acreage consists of pastureland. A local developer attributed the high price to the mobile park plan.

Township officials and area residents opposed the proposed park, but the three Achey brothers, who are executors of the farm owned by their father, won the right to build the park when the state Supreme Court ruled in their favor last December.

Fred A. Achey of Bethlehem, Lancaster attorney Charles A. Achey Jr., who now lives at the farm, and Phillip M. Achey, Gainesville, Fla., are executors and trustees of the estate of their late father, Charles A. Achey Sr.

About a half dozen bidders participated in the bidding, which opened at \$500,000, auction officials reported. Auctioneer was Elmer M. Murry of E.M. Murry Associates of Lititz.

Delaware Plans Record-Keeping Survey

NEWARK, Del. — The Delaware Cooperative Extension System has announced plans to survey Delaware farmers regarding their financial record-keeping practices.

About 500 farmers (one out of every seven in the state) will receive the questionnaire. The

information provided will be used to plan educational programs to improve farm profitability. Farmers' names are not requested in the survey.

According to extension agricultural program leader Dave Woodward, there are essentially three kinds of farmers—those making money and planning to

continue doing so; those losing money but seeking solutions to their problems; and those who won't know where they stand financially or what their future prospects are in farming.

"Farmers can easily wind up in the second and third categories if they don't follow sound financial record-keeping practices and use

their records in making management decisions," Woodward says. "We want to know what kinds of financial records Delaware farmers keep. We also want to know how many farmers would welcome extension assistance in improving their record-keeping and financial analysis skills."

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Inter-State Names Couples to Attend Conference

SOUTHAMPTON — Inter-State Milk Producers' Cooperative has named two young farmer representatives to attend the 13th annual Pennsylvania Association of Farmer Cooperatives Couples

Conference July 16-18 at the Sheraton Inn, Danville.

Beverly and Stephanie McKay, Millwood, Va., and Larry and Paula Harnish, Washington Boro, will be among 45 couples who will learn about cooperative practices and policies.

Former Young Cooperators, the McKays recently completed a three-year term on Inter-State's Young Cooperator (YC) Consultant Committee. In 1983, Bev competed as a single contestant in the YC contest and was named runner-up.

The McKays operate a 500-acre dairy farm and milk over 60 Holsteins. Active in farm organizations, Bev is vice chairman of the county Agricultural Stabilization and Conservation Service Committee and is on the Dairy Herd Improvement Association's board of directors.

The manager of a store specializing in floor covering, Stephanie is on the board of directors and is secretary of the Top of Virginia Home Builders Association.

The Harnishes were Inter-State Young Cooperators in 1984. They operate a 200-acre dairy and swine farm, where they milk 60 Holsteins and finish 400 swine.

Both are active members of the Manor Brethren in Christ Church. In addition, Larry is the chief of his local volunteer fire company, and Paula is a 4-H leader.

The theme of this year's PAFC conference is "Cooperatives: A Bridge To Your Future." According to PAFC Executive Secretary Kathy E. Gill, the conference is designed to increase cooperative understanding by exposing couples to cooperative directors, management and staff.

Burger King Joins Real Seal

Burger King serves only genuine dairy cheese, milkshakes and milk. To let its customers know, the nation's second largest fast food chain recently joined American Dairy Association's "REAL" Seal program for restaurants.

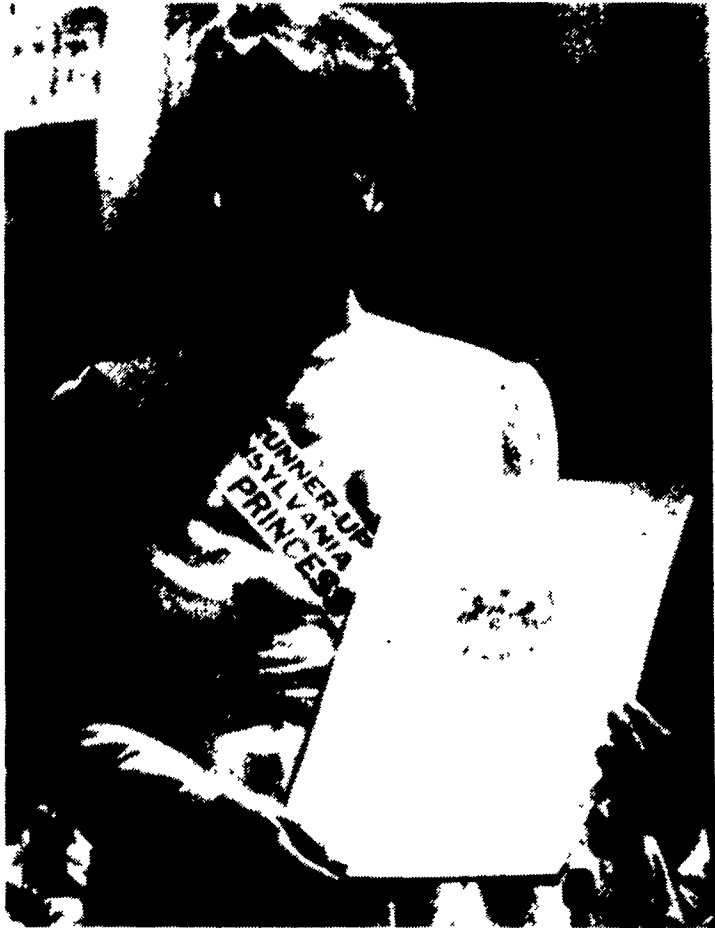
The Seal is used exclusively to identify genuine dairy foods. A registered trademark of United Dairy Industry Association, it helps inform consumers at a glance that they are purchasing real dairy products.

Burger King has been authorized by American Dairy Association to

display the "REAL" Seal in its 4,200 U.S. restaurants in conjunction with milk, American and Cheddar cheese, and vanilla, chocolate and strawberry shakes. The chain, with headquarters in Miami, joins McDonald's, Hardee's, Domino's and more than 4,000 other chain and independent

restaurants in displaying the "REAL" Seal.

American Dairy Association conducts advertising, sales promotion, foodservice and publicity programs on behalf of real dairy foods as part of the total dairy promotion program of United Dairy Industry Association.



Ice Cream Day Proclaimed

Jill Kutz, Pennsylvania Second Runner-up Dairy Princess, holds the official proclamation designating July as Ice Cream Month and July 13 as Ice Cream Day in Pennsylvania.

Buyout Report

WASHINGTON, D.C. — The seventh weekly report on the buyout was released by the USDA on Wednesday.

USDA figures show an estimated 24,700 head of cattle in the program were slaughtered during the week ending June 14. This figure includes all cows, heifers and calves in the DTP, according to the USDA spokesman.

An estimated cumulative total of 471,700 head have been slaughtered since the beginning of the DTP on April 1.

Meat purchases by the government reached 10.2 million pounds for the week ending June 28. This meat was purchased in the form of 1,872,936 pounds of canned beef, 3,157,000 pounds of bulk-frozen ground beef, and 5.2 million pounds of frozen beef carcasses.

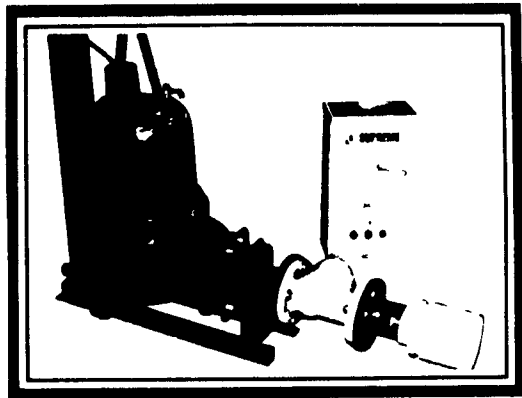
The cumulative total meat purchases is 158,948,788 pounds.

Cumulative total of dairy cows that were reported for export since April 1 is 13,822 head. This total is expected to increase as foreign countries are preparing to take advantage of the Export Enhancement program.

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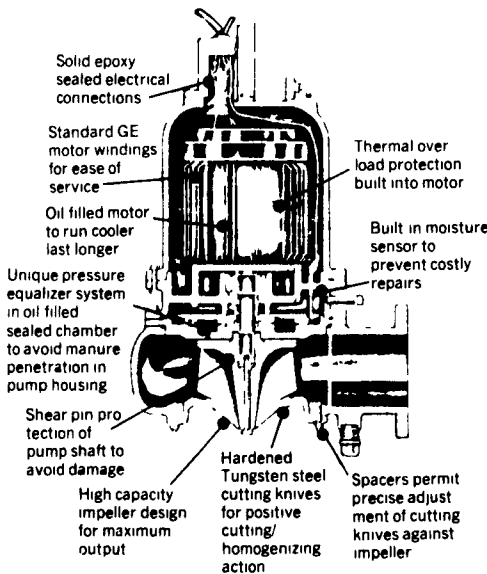
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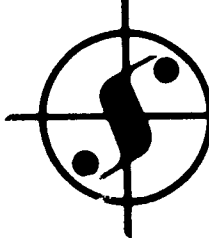
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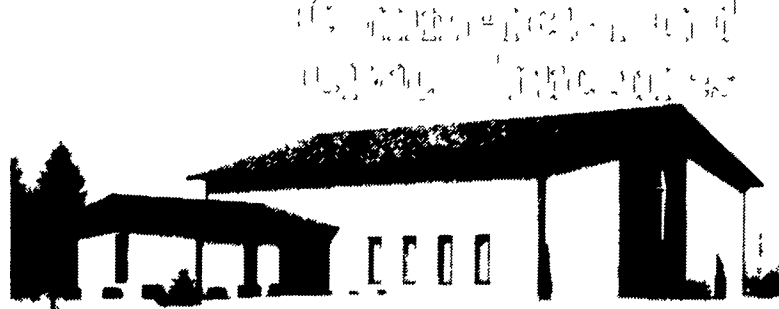


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Dairy Pipeline

(Continued from Page A16)

Then, the challenge is to prevent the cow from becoming infected or reinfected. Most new udder infections occur during the first week after drying off and at calving time; a cow that is free of infection at drying off time is just as susceptible to new infections as one who is not. This is why it is important to dry treat all cows.

In addition to ridding the udder of any present infections the dry treatment also helps to prevent new infections. Sanitary drying off facilities and sanitary maternity areas are vitally important. You want to take all precautions necessary for assuring that the cows start their lactations free of infections.

Prevention of new infection must continue throughout the lactation. This can be a real challenge the first year or two that you seriously embark on an effective mastitis program.

Once cows are cleaned up you have to protect them from other infected cows that have not yet had the opportunity to respond to dry treatment. That's why it is beneficial to be using a good sanitizer in the udder wash, using disposable cow towels, milking infected cows last and applying a good teat dip as soon as the milker units are removed. This helps reduce the spread of infection from cow to cow.

Proper milking technique and proper machine design can help by preventing inflation leaks, teat end impacts and flooded claws.

It is also beneficial to help cows maintain a strong immune response system and to minimize injury and stress on her system so she is better able to ward off and

fight infections on her own. Good health and nutrition can help. Proper use and design of milking equipment and comfortable facilities are also important.

Not giving organisms an opportunity to thrive is very important. The fewer organisms cows' teat ends are exposed to the lower the risk of infection. You may be tired of hearing this, but nothing beats cleanliness and sanitation — clean stall beds, clean maternity areas, dry lots, etc.

There is nothing more disheartening to me than to see a dairyman with a problem spending a lot of money doing half a job; most of his money and efforts are wasted. Similarly it is disheartening to see a dairyman who has done a thorough job for six months

give up because he sees no benefit and thinks he's not making any progress; he may be just on the verge of starting to reap the benefits if he'd only persisted for another few months.

By slacking up, he's thrown himself back to ground zero, the six month's effort and money he invested is wasted, and he'll have to start the whole process all over from the very beginning.

Mastitis can be kept under reasonable control. A reasonable goal to shoot for is a SCC level of 100,000 to 200,000. Many dairymen are doing this already. There is a pot of gold — actually it's a fuller tank of white liquid — at the end of the rainbow for those who persist and succeed.

Vegetable Field Day Slated

UNIVERSITY PARK — A new prototype tunnel laying machine for setting row covers will be among the machinery featured at a Vegetable Field Day, Monday, July 21, at the Horticulture Research Farm of The Pennsylvania State University.

Plastic mulch, double-row transplanters and seeding equipment will also be featured.

The event is sponsored by the Pennsylvania Vegetable Growers' Association and Penn State's Department of Horticulture. The Horticulture Research Farm is on Route 45 at Rock Springs, nine miles southwest of State College.

Registration begins at 8 a.m. at the Horticulture Research Farm; tours to research plots begin at 9 a.m. Tickets for the tours and lunch are \$5 if registered before July 11, \$7.50 for late registration.

Visitors will see and sample a variety of specialty and gourmet

vegetables. Researchers will demonstrate the use of row covers and tunnels for the production of sweet corn, lettuce and cauliflower; tillage (no-till, strip till and conventional till) and planting methods (conventional versus gel seeding) in cabbage and snap beans; and the effects of soil compaction on the growth and yield of several vegetables.

Fertility studies with tomato, pepper, broccoli, melons and beets will also be presented, as well as weed control studies in pepper, carrot and pumpkin. Insect and disease research plots will be viewed during the day.

For an additional \$9 per person, visitors can attend an evening barbecue.

For more information, contact: Michael D. Orzolek, 202 Tyson Building, University Park, PA 16802; or William Troxel, phone 717-473-8468.

Dry Weather Causes Weed Control Problems

NEWARK, Del. — Extended dry weather through corn planting this spring has made chemical weed control performance almost impossible. Commonly used preemergence materials need water for activation. That critical water has not materialized.

"Many corn fields throughout Delaware have serious broadleaf and grass weed problems which will be compounded by continued dry weather," says University of Delaware extension weed specialist Frank Webb. He advises growers to check fields soon and take appropriate control measures.

"Many of our standard postemergence emergency treatments have not worked either, because drought-stressed weeds are harder to kill," Webb says. "For most cornfields with continued grass problems, a post-directed spray of Evik or linuron is now the only salvation. Corn must be at least 12 inches taller than the grass before these materials can be sprayed, so that only the lower 1/3 of the corn plant is contacted and the grasses are thoroughly covered."

These treatments will also control most broadleaves if the spray is applied over the top of the weeds. Where only broadleaf weeds are a problem in corn, Banvel or 2, 4-D can be very effective, the specialist says. And don't forget the cultivator.

As dry weather continues, he warns growers to expect similar herbicide performance problems

in soybeans. "Preemergence chemicals must have rain or irrigation to activate them in the soil. Closely observe fields already planted and sprayed for possible weed breaks. There are some excellent postemergence chemicals for both broadleaf and grassy weed control in soybeans. Cultivation can also be very effective in row soybeans, and it's relatively cheap compared to chemical control."

For best results with either mechanical or chemical control, weed breaks must be detected early so timely action can be taken. Rotary hoeing soybeans—except in no-till plantings—can help activate many preemergence chemicals. It should be done within seven days after the last working of the soil.

Webb advises growers to consult the 1986 edition of the extension bulletin "Delaware Agronomic Herbicide Recommendations" for information on materials available for postemergence weed control in corn and soybeans. Copies are available from county extension offices in Newark, Dover and Georgetown.

"Three new chemicals now cleared for postemergence use in soybeans are not included in that publication," he concludes. "They are Tackle from Rhone-Poulenc, Scepter from American Cyanamid and Classic from DuPont. Check with your county extension office for performance information on these materials."

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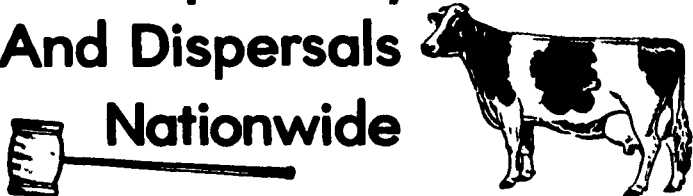
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Major Dairy Sales And Dispersals Nationwide



Reports from three sales for the week of June 26 to July 3 showed 197 head averaging \$7,916. These sales were held in Vermont, Ohio and Wisconsin. The top prices at the sales ranged from \$159,000 to \$1,325. Here is a brief look at the results of these sales.

JERSEY

The STROH JERSEY FARM DISPERSAL, held in Ohio, averaged \$648 on 88 head. Topping the sale was a 5-year-old daughter of Quicksilver Magic of Ogston. Her top record is 18,739 pounds of milk and 650 pounds of fat.

Second high of the sale was a Favorite Saint daughter. Selling for \$1,275, this 3-year old in progress record, at 117 days, is 5,000 pounds of milk and 198 pounds of fat.

Wayne Sliker managed the sale and Tim Eiting handled the auctioneering duties.

HOLSTEIN

The SECOND LYLEHAVEN ALL STAR SALE, held in Vermont, averaged \$19,000 on 55 head. The highest bid of the day was \$230,000 on a Valiant daughter. The dam of this 2-year-old is Northcroft Ella Elevation (3E-97), the number one CTPI cow in the U.S.

Just fresh, Ella's daughter has produced, in 34 days, 2,304 pounds of milk, 86 pounds of fat with a 3.7

test, and 71 pounds of protein.

Coming in with the second highest price of \$159,000 was a December son of Rockalli Son of Bova. His dam, a Valiant daughter, has a high record of 23,130 pounds of milk and 872 pounds of fat. In her present lactation, at 93 days, she has produced 10,510 pounds of milk.

She is classified EX-94 and is a Gold Medal Dam.

Third in the bidding, with a price of \$130,000 was a VG-85 Round Oak Apple Elevation daughter. This 2-year old, in 246 days, has produced 19,630 pounds of milk and 759 pounds of fat.

She is due in September to Trugden Moch Four and is a maternal sister to the second highest selling entry. She sold with five Walkway Chief Mark pregnancies due in July.

Bruce Whittier and Butch Crack were the auctioneers and Horace Backus and Ken Empey read pedigrees.

The GENESIS 86 SALE, held in Wisconsin, averaged \$4,100 on 54 head. Topping the sale was Ford's highest indexing daughter, plus 1888M, plus 61F and plus \$213. This 3-year old sold for \$32,000 with a contract to Big Al. Classified VG-85, she produced, in 365 days, a record of 32,954 pounds of milk and 1,155 pounds of fat.

NATIONAL DAIRY COW SALE INDEX

© 1986 Lancaster Farming Newspaper

This sale index can help dairymen place a value on the dairy cows on their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	721	940	961	912
Pennsylvania	1027	—	556	1332
Four previous weeks:				
Nation	—	—	1617	916
Four previous weeks				
+/-year to date:	—	—	656 higher	4 higher
	Holstein	Red and White	Milking Shorthorn	
Year to date:				
Nation	1787	2837	672	
Pennsylvania	1292	2837	922	
Four previous weeks:				
Nation	1825	—	421	
Four previous weeks				
+/- year to date:	38 higher		251 lower	

Delaware Slates Workshop

NEWARK, Del. — The Delaware Holstein Association in conjunction with the Delaware Cooperative Extension Service will sponsor a workshop for dairy farmers and their families on Saturday, July 12, from 10 a.m. to 9 p.m. at the Charles and Charmayne Busker Farm, on Route 14 west of Harrington.

The workshop will cover the evaluation of calves, heifers and cows for traits related to longevity and production ability. There will also be a session on training and preparing animals for show competition, a fitting and showmanship contest, and dairy bowl contest, plus an ice cream break and family picnic.

With the Delaware State Fair due to open shortly afterwards, University of Delaware extension dairy specialist Dr. George Haenlein says the workshop will offer producers a timely opportunity to improve their showmanship skills. It will also help them evaluate individual animals in their herds.

"Success in dairy farming is greatly influenced by herd strength and longevity," Haenlein says. "Whether the cows in a herd last an average five, six or eight years translates quickly into the overhead costs involved in raising replacement calves. Selecting these calves is another crucial economic decision. Which ones will be worth two years of care without production returns? Farmers must base such decisions on experience and knowledge of the strengths and weaknesses of each animal."

Haenlein says the skills to do this are gained through years of working with cattle, training in schools, 4-H and FFA projects, and breed association and extension programs, including workshops such as the upcoming one.

There is no fee to participate, but bring a bag lunch. Those who plan to stay for supper should also bring a covered dish. Beverages, meat and place settings will be provided. For further details, call the Buskers at 398-4764 or Haenlein at 451-1333.

Her Very Good dam, a Penn State Ivanhoe Star daughter, has records over 36,000 pounds of milk and 1,400 pounds of fat.

Second high of the sale, with a price of \$24,000, was a 2-year-old Valor daughter. In 184 days she has a record of 11,980 pounds of milk and 509 pounds of fat. Her dam is Excellent and has records over 22,000 pounds of milk.

She sold with foreign embryo

contracts and a contract to a 21st Century bull.

An August 1985 Valor daughter garnered the third high price of \$17,100. Her dam, a VG-86 Nugget daughter, has a CTPI of 920 and a record of 28,741 pounds of milk and 1,439 pounds of fat with a 5 percent test.

Her granddam, a 4E-94-GMD Chief daughter, has a high record of 37,718 pounds of milk and 1,913

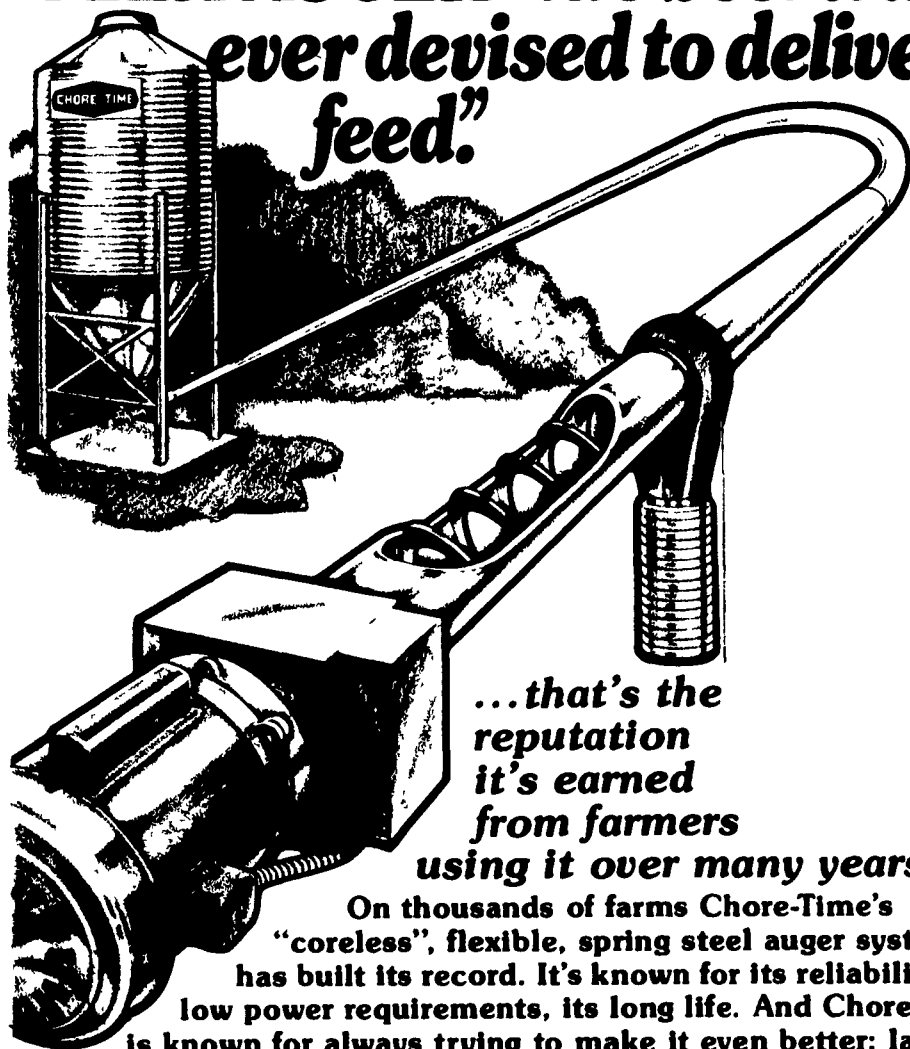
pounds of fat.

Rounding out the top four was a VG-87 Simon daughter. This 2-year old sold for \$14,000 and is bred to Walkway Chief Mark. She has a high record of 20,690 pounds of milk and 833 pounds of fat.

Her VG-86 dam has a top record of 22,130 pounds of milk and 919 pounds of fat.

Keith Stump was the auctioneer for the sale.

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Thornburgh Opens Governor's Ag School

BY MARY MAXWELL
Centre Co. Staff Correspondent
UNIVERSITY PARK — At last Sunday's opening convocation of Pennsylvania's first Governor's School for Agriculture, Governor Thornburgh welcomed the first class of 65 high school participants. "You are pioneers," he said. "You are not only a bright, exceptionally talented group of young people, but you are the first participants in Pennsylvania's

Governor's School for Agriculture." He went on to reflect: "Perhaps one of you will some day make a significant breakthrough in solving world food or fiber problems. Maybe one of you will develop a technology for better food, clothing or quality of life."

Penn State President Bryce Jordon welcomed the group on behalf of the University. In acknowledging the courses of

study for the coming weeks Jordon said, "These topics — and others — are critical to modern agriculture, the study of which is becoming more and more dependent on science and technology and the accompanying equipment which is so necessary to precise science and state-of-the-art technology."

Also on hand to welcome the students, their parents, and other guests were Mrs. Thornburgh and

Mrs Jordon, Minority Whip for the State House of Representatives Samuel E. Hayes, State Secretary of Agriculture Richard Grubb, Rep. Ruth Rudy, Dean of the College of Agriculture Lamartine Hood, Deputy Secretary of Education D. Kay Wright, State Governor's School Director Arthur Gatty, and Dr. James Mortensen, School of Agriculture director.

These 10th and 11th graders will be on the Penn State campus for five weeks. They were chosen by the Pennsylvania Department of Education basically for their overall academic achievement. The students also submitted recommendations from guidance counselors and teachers, and a personal essay on their interest in or experience with food, agriculture, or natural resources. The cost of the Governor's School is provided by a special state appropriation through the Pennsylvania Department of Education.

The students will take courses ranging in topics from horticulture and plant physiology, the economics of agriculture, and food science to radioisotope applications in agriculture. They will also have "hands on" experience at Penn State's Circleville Farm with sheep, dairy calves and in

other agronomic activities.

Courses will be taught by the PSU College of Agriculture faculty.

The Governor's School for Agriculture will end on August 2 with a closing ceremony and a display of the students' research projects.

The sixty-five high school students participating in the first Governor's School for Agriculture are:

Lancaster County: Randy Risser, Solanco HS; Nicole Rovner, Hempfield.

Lebanon: Angela Bollinger, Eastern Lebanon County; Kirsten Gross, Annville-Cleona.

Perry: Irene Benner, Greenwood; Jeffrey Stoltzfus, West Perry.

York: Adam Rishel, Central Senior.

Berks: Gary Bicksler, Tulpehocken; Michele Swope, Holy Name.

Bucks: Michael Hathaway, George School.

Chester: Kymberly Morris, Phoenixville.

Delaware: Margaret Ann Leavitt, The Baldwin School; Robin Parker, Upper Darby; Michael Shurkin, Radnor.

Lehigh: Benjamin Gruber, Northwestern Lehigh.

Montgomery: Amy O'Meara, Mt. St. Joseph Academy; Jennifer Perloff, The Baldwin School; Chang Shon, North Penn Senior; Jason Tsai, Upper Dublin.

Northampton: Jennifer Lai, Easton.

Philadelphia: Kia Lilly, Germantown Friends School; Jennifer Mellor, Little Flower Catholic; Carol Trimmer, W.B. Saul.

Dauphin: Gary Searer, Hershey.

Juniata: Leslie Bowen, Juniata Area.

Huntington: Scott Kane, Huntington Area.

Blair: Laurie Smith, Central.

Centre: Kathryn Cahir, State College Intermediate; Sharon Johnson, Bald Eagle Area; Elizabeth Starling, State College Intermediate.

Elk: Jodi McCluskey, St. Mary's Area; Brenda Yanak, St. Mary's Area.

Luzerne: Truyen Huynh, Dallas Senior.

Lycoming: John Shu, Loyalsock Township Senior.

Montour: Brenda Moslock, Danville Senior.

Wayne: Tammy Conklin, Honesdale.

Wyoming: Anthony Adamo, Tunkhannock; Jane Cooper, Tunkhannock.

Tioga: Jennie Groover, Canton.

McKean: Joseph DuShaw, Bradford Area; Gregory Stanko, Kane Area.

Potter: James Sherman, Northern Potter.

Franklin: Kerry Golden, Greencastle-Antrim.

Crawford: Dianna Ertman, Conneaut Valley.

Mercer: Dale Smith, Reynolds.

Armstrong: Brian McIlwain, Shannock Valley.

Clarion: Brenton Henry, Red-bank Valley.

Indiana: Amy Mertz, Dayton.

Fayette: Paul Swartz, Union-town Area.

Westmoreland: Thomas Chang, Franklin Regional Intermediate; Jennifer Haberen, Ligonier Valley Senior; Mark Handke, Greensburg-Salem Senior; Kathleen Renda, Burrell Senior.

Allegheny: Jennifer Bolin, Churchill; Scott Golla, Fox Chapel Area SD; David Kanter, Gateway Senior; Dat Xuan Nguyen, Keystone Oaks; Ishu Rao, North Hills; Paula Troxell, Taylor Alderdice; Jodi Varley, Steel Valley.

Beaver: Amy Fardo, Ambridge; Stephen Fuegi, Ambridge; Brian Kost, Quigley; Renay Oshop, Ambridge; Jonathon Tyma, Ambridge.



Governor Thornburgh and distinguished guests pose with the first Governor's School for Agriculture. The school opened last Sunday on the Penn State campus.

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Sewage Sludge For Fertilizer--Is It Safe?

Applying sewage sludge to farm fields as a fertilizer is not new. The Chinese and French have used untreated waste to fertilize their land for hundreds of years, and wastes have been used in this country for over a century. But is this practice safe?

If proper procedures are followed it is, says County Agent Joe Way. According to Way, digested sewage sludge is obtained from municipal wastewater treatment plants after it has undergone several stages of treatment.

Almost all bacteria, viruses and pathogenic organisms are destroyed by high temperatures and the pH levels reached in digesting and stabilizing the sludge. Any remaining organisms die off quickly in the hostile soil environment.

Because sludge often includes industrial waste, it may contain heavy metals and trace elements such as copper, zinc, lead, nickel, chromium and cadmium. These elements can be toxic to plants at low levels. Some represent a hazard to the food chain.

Therefore, sludge must be analyzed to determine its suitability before it can be applied to cropland soils. These tests are

conducted by Penn State's Cooperative Extension Service and qualified commercial laboratories. Test results are considered by the Department of Environmental Resources before granting any municipality a permit to apply the sludge on farmlands.

Penn State researchers have tested hundreds of sludge samples and found that the content varies greatly. Thus, the sludge tests are necessary to determine not only heavy metal content, but also the amounts of nutrients the farmer will get from the sludge. Most sludge contains appreciable levels of nitrogen and phosphorus, making it a valuable plant nutrient source.

Tests are also done on the soil where the sludge is or has been applied. Appropriate applications of sludge are determined from the combination of sludge and soil tests and specific crop nutrient needs. The farmer and the municipality are required to keep careful records of all applications so that farmers can plan future cropping schedules.

The land application of sludge is economically beneficial to both the municipality and the farmer. Applying sludge to land is less expensive than landfilling or incinerating the sludge. Sludge is readily available to farmers and can help them cut their fertilizer bills.

Farmers Must File Form

UNIVERSITY PARK — Farmers who pay individuals \$600 or more for services during a calendar year are required by law to report such payments to the Internal Revenue Service, using form 1099-SC.

"Reporting these payments is easier if the farm operator collects needed information before those payments are made," says Dr. Larry C. Jenkins, extension economist at The Pennsylvania State University. He suggests asking each person providing services for their name, address and taxpayer identification number. For individuals, this is usually the social security number.

Employers must report payments made in the course of business activity and that consist of one or more transactions as long as the total paid to one individual during the year exceeds \$600.

Payments for custom machine work and seasonal employment of labor, such as hay hauling, often result in payments that must be reported. Payment for professional services, such as to a veterinarian, should also be reported if the services are provided by a non-incorporated individual.

A standard form developed by the Internal Revenue Service can be used to collect this information: form W-9, "Payers request for taxpayer identification number and certification." If the employer requests each supplier of services to complete form W-9, then in-

formation required to file the 1099-MISC will be available when needed.

A supplier of services sometimes refuses to supply his or her taxpayer identification number to the payer. In those cases, 20 percent of the total payment may be withheld as a backup withholding to assure tax collection on the payments made.

If backup withholding is required, the amount withheld may be reported to the Internal Revenue Service on line 4 of form 1099-MISC. The tax withheld due to the payee's failure to provide a taxpayer identification number is reported at line 11 of IRS form 941.

Farm operators who pay an individual \$600 or more for services and do not report those payments with a 1099-MISC are subject to a \$50 penalty. That penalty applies to:

1. each failure to file an information return with the Internal Revenue Service by Feb. 28 of the year following the year when payment for services was made.

2. each failure to furnish the payment recipient's taxpayer identification number on the return.

3. each failure to furnish an information return to the payee by Jan. 31 of the year following the year of payment for services.

If the payer fails to include his or her taxpayer identification number on any return, statement, or document, there is an additional penalty of \$5.

Thornburgh Signs Prompt Payment Bill

HARRISBURG — Pennsylvania's poultry and egg producers have less than three months to wait until a bill ensuring prompt payment for their commodities becomes law.

House Bill 976 received Governor Dick Thornburgh's signature on Wednesday after two years of running the legislative gauntlet. Passed by the Senate on May 6, and the House on June 18, H.B. 976 requires that poultrymen must

receive payment for their poultry and eggs within 20 days following the sale of their products, unless an alternative payment plan had been previously agreed upon, in writing, by the buyer and seller.

"We're pleased that it passed," said Pennsylvania Grange spokesman, Kathy Miller. "The growers can be guaranteed more protection now from defaulting processors." The bill becomes law 90 days after being signed by the Governor.

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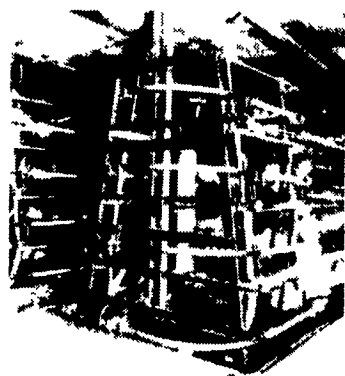
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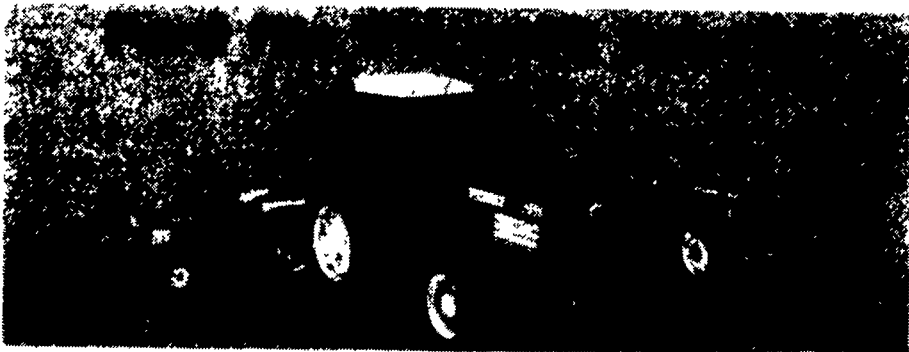
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The Dairy Business By Newton Bair



Old Barns, New Cows

Remember the old wooden stalls in Dad's barn? The ones built on locust posts, with solid oak dividers, and the feed trough that was worn through by hundreds of thousands of lickings by a cow's tongue? There are still some of those stalls around, although we seldom keep milking animals in them anymore.

They served their purpose very well, but like most good things, they became obsolete and were replaced with concrete and steel. And those first replacements often need renewal or revision.

Stalls were designed to fit the cow. Or they should be, anyway. But Grandpa's cows were probably smaller than ours, and when Pop remodeled the old barn, he made the stalls a little longer and wider. Now, when the second stable remodeling is due, we find that the cows are still longer, and seem to require more room to lie down comfortably.

So we design the stall differently, put in rubber mats, bed with expensive shavings (if we bed at all), and still end up with swollen hocks, sore feet, and worst of all, injured teats. The result is that many cows do not serve their full term in the herd. And it is often the better cows that are lost to injuries that are really not their fault, and have nothing to do with genetics or natural longevity.

In remodeling the old barn, we usually end up with too little space. The herd is bigger now, so it's either build an addition to the barn, or crowd more stalls into the available space. Sometimes it is a combination of both, with the result that some stalls are just not suited to the size of our big modern cows.

Many barn remodeling jobs are a hodge-podge of additions and rearrangements that were designed to fit the available layout and the

available cash. They end up being less than efficient, and detrimental to the cow. We can learn to work around inefficiency of layout, but the real hazard is to the most valuable part of the dairy operation — the cow herself.

Most remodeling jobs include a few box stalls that end up being used for maternity, hospital, or surplus heifers. Seldom do we afford this kind of stall for our valuable milking cows. They get the old steel and concrete tie stalls, with all the hazards built in. What's the solution to the problem?

One solution that I have seen, and often suggested to farmers, is to make use of those free stalls that often go unused when heifers and dry cows are in pasture. Or if some remodeling is contemplated, INCLUDE A SET OF WIDE AND COMFORTABLE FREE STALLS FOR THOSE BIG COWS.

Whether you milk in the stable or in a parlor, those cows can easily be moved, but never have to lie down in a tight place. That 20,000 pound milker is too valuable to lose. Give her all the room she needs.

If space in the old barn is at a premium, THE STALLS SHOULD BE MADE TO FIT THE COW, AND NOT THE BARN. It is futile and highly dangerous to expose our valuable assets to the extreme hazard of terminal injury, just so we can increase numbers. Cow numbers must be balanced against cow turnover.

Remember that it takes a cow nearly two years of production just to return the cost of owning her, before she makes a profit. After that she may start to make money for you, so you want to keep her as long as possible. You can keep her longer by making life a little easier for her, and removing the hazards that shorten her life.

National Jersey Sale

Averages \$2,109

NASHVILLE, Tenn. — The National Jersey Heifer Sale, held in conjunction with the National Jersey Convention, averaged \$2,109 on 43 consignments. This average increased \$366 over last year's average of \$1,743.

Leaving her mark on this year's sale was a bred heifer from the Pride cow family. Consigned by the Mayfield Farm of Tennessee, she sold for the high bid of the day, \$5,100, to Larry Shirley from Kentucky.

Sired by Top Brass, she is due in August to Highland Magic Duncan. Her dam, sired by Samson and classified EX-92, owns two production records over 17,000 pounds of milk.

A maternal brother of the high selling heifer is in AI service.

A daughter of Quicksilver Magic of Ogden captured the second high

bid of the day, \$4,500. Clarence Clay IV, South Carolina, purchased this open consignment by Dr. D.L. Strandburg, Wisconsin. Her dam, sired by Top Brass, produced over 14,000 pounds of milk in her first lactation and classified EX-91.

The top three prices of the sale were rounded out with a bid of \$4,000. A open heifer by Yankee F.W. Chief garnered this pricetag from the buyer, Jerseyland Farm of Michigan. W.S./L.M. Jerseys consigned this granddaughter of Quicksilver Magic of Ogden. Her dam, EX-91, produced two records over 20,000 pounds of milk.

The top volume buyer, an absentee Holstein breeder in Wisconsin, purchased four head.

Jersey Marketing Service managed the sale while Merlin Woodruff handled the auctioneering.

Hay In A Day Demonstration

They called the demonstration "Hay In A Day", a 24 hour day that is. You can cut the alfalfa at 10:00 a.m. one day and often the hay is ready to be baled the next day. Of course, you still need the cooperation of the weather.

A group of farmers and company representatives gathered at the family farm of Hubert Sell at Schencksville on Tuesday to witness the demonstration for Pro Dry and Field Fresh. These products are manufactured by American Farm Products and distributed by Agway.

At the farm demonstration the drying chemical was applied as the alfalfa was cut. Janette Brothers Fallon, manager of ICM development for Agway said that farmers will always face the challenge of getting hay cut and baled before it is rained on. "Even under ideal conditions, dry matter losses during harvest can approach 30 per cent," she said. Most of this loss is protein rich leaves, so quality decreases even more than dry matter. In the northeast there is a very good chance that hay will be rained on before it is baled reducing dry matter yield an additional 10 to 40 per cent, and leaching valuable nutrients.

The organic acid preservative permits safe baling at moisture levels of up to 30 per cent moisture. The sodium and potassium carbonate applied at mowing can cut drying time in half.

"The reality of hay harvesting is that part of the crop will be lost during harvest," Fallon said. "Anything farmers can do to reduce the losses, both of the crop being harvested and the next regrowth should be considered. You need to minimize losses and maximize nutrient recovery. This will increase the profitability of your hay crop," she said.



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Seminar Explains

(Continued from Page A1)

your neighbor is executed an option contract," he said. "What your neighbor has done is given you an option to buy the land at a particular price over a price particular period of time and you had to pay your neighbor a fee up front for that privilege. If you decide not to buy the land, your \$100 is gone. If you decide to buy the land your neighbor's net selling price is \$2,100 (\$2,000 per acre plus \$100 option fee)."

To further illustrate how an option works, Barclay said, "let's say that some time before the end of the six months you decide to sell your rights to buy that land (you sell your option) for \$150, in that case you pass the option to your friend and then he has the right to buy the land from your neighbor

for \$2,000 per acre. An option contract gives you a right to benefit if prices go in your favor and gives you protection if they go against you. For hedgers it's like an insurance policy. You really don't want to need to use insurance. You don't say I wish I would wreck my car so I get some use out of the premium I paid for the policy to the insurance company. No, you're glad to give up the cost of the premium for the protection, always hoping you don't need it. You always want an insurance policy to expire worthless. That's really the way hedgers should look at the option markets," Barclay said.

To help understand the option market better, Barclay listed some terminology that must be understood. "The names for options

are puts and calls," he said. "A put is the option to sell, a call is the option to buy. You can remember the difference because put is to put away from you or to sell, call is to bring to yourself or buy. If I have a put option I have the right to sell, if I have a call option I have the right to buy. Don't confuse puts and calls, they are not the opposite side of the same transaction. In the land illustration I bought a call option, the right to buy and my neighbor sold me a call option. When you watch the option markets in the pits of the commodity exchanges, there are really two option markets going on at the same time. The put market and the call market and there's buyers and sellers in both markets. That makes understanding options a bit more complicated to understand than the futures market," Barclay said.

"In an option contract the buyer can do one of three things: he can offset the option or sell it to someone else; he can exercise the option, actually use the option; or he can let it expire. The strike price is the price at which the transaction will occur. In the land example the strike price was \$2,000."

Once hedgers understand the use of options the next question is usually: what strike price should I buy? For option hedgers, the choice of strike price is a trade off between the level of price protection offered versus the opportunity to benefit from a favorable price movement.

At-the-money options offer the most balanced trade off between protection against downward price moves and the chance to gain from a favorable price move after option purchase. A hedger could choose greater protection against adverse price moves by purchasing an in-the-money option or a lower amount of price protection by purchasing an out-of-the-money option.

Out-of-the-money options are the cheapest because they offer the

least protection against an unfavorable price move. In-the-money options, on the other hand, are the most expensive because they offer greater protection. Out-of-the-money options provide the greatest leverage in the case of a favorable price move after option purchase; in-the-money options provide the least amount of leverage. At-the-money options offer an intermediate level of price protection, leverage as well as costs.

In determining the actual cost of the insurance offered by an option, you should look at the time value of the option premium. The time value is the amount the option seller charges to write the option, and it should be allocated over the option's life. Deep-in-the-money and deep-out-of-the-money options will have the lowest monthly cost because of their minimal time value. Of course, the amount of price protection provided and the total cost of deep-in and deep-out options are quite different.

Deciding whether to buy an at-the-money, in-the-money or out-of-the-money option for price protection depends upon how much protection you need; your assessment of how prices are likely to move; and your risk: reward preferences.

Here are some of the factors you may want to consider when choosing a strike price:

1. What is your breakeven point?

When selecting an option strike price, keep in mind your cost of production, the option premium and expected basis.

As an example, suppose you expect the wheat harvest basis to be 15 cents under the July contract. If July wheat is trading at \$2.70 and the July \$2.70 put is 7 cents, you will set a floor selling price of \$2.48. (Strike price (\$2.70) - basis (.15) - premium (.07).) If your cost of production is above this level, this strike may not be your best choice.

What is your financial situation?

Suppose your financial condition is sound and you can afford to purchase insurance with a large deductible, in the hopes of benefiting from a favorable price move. Then, a put with a lower strike price may provide adequate protection.

On the other hand, if you're highly leveraged you (and your lender) may want the additional protection provided by a higher put strike price. A lender may be willing to advance the additional funds needed to purchase a higher strike in return for the assurance of a lower risk exposure.

3. What direction do you expect prices to move and how sure are you of this?

Choosing a put strike price on this basis requires considerable self-discipline.



William Barclay

The question is not: what direction do you wish prices to go? But: give the best supply-and-demand information available for the current crop year, what direction are prices likely to go?

If the chances of an upward price move greatly outweigh the chances of a downward price move (but you do not want to be vulnerable to the latter) the put with the lower strike price may be your best choice. However, if demand is weak, the dollar is strong, and yields look good, a higher strike price may serve your marketing needs best.

In comparing options, remember, if futures go above the higher (lower) strike less (plus) the difference in the premiums, the higher strike put (lower strike call) will provide a higher selling (lower buying) price.

4. How much additional premium are you willing to spend for each additional cent of price protection?

Each successively higher (lower) put (call) strike raises (lowers) the floor selling (ceiling buying) price. However, as you choose successively higher strike puts (lower strike calls), the ratio of additional premium cost to the increased (decreased) floor selling (ceiling buying) price becomes progressively unfavorable. For example, if you are unwilling to buy additional price protection at more than a 1:1 ratio, you will find at-the-money options your best choice.

Let's review some specific examples:

Assume it is April and July wheat futures are at \$2.80. The \$2.60 July put is 4 cents, the \$2.80 July put is 12 cents, and the \$3.00 July put is 24 cents. Expected harvest basis is -12N.

TABLE 1

Strike	Put Option Premium	Time Value	Monthly Time Value Cost	Floor Selling Price
\$2.60	.04	.04	.02	\$2.44
\$2.80	.12	.12	.06	\$2.56
\$3.00	.24	.04	.02	\$2.64

If July wheat is at or below \$2.60 at option expiration the floor selling prices will be the actual net selling prices, assuming the expected basis of 12 under is accurate

Assume July wheat declines to \$2.72 at option expiration and the basis is 12 under for a cash price of \$2.60

TABLE 2

Strike	Cash Price	Premium Paid	Option Value	Net Selling Price
\$2.60	\$2.60	.04	.00	\$2.56
\$2.80	\$2.60	.12	.08	\$2.56
\$3.00	\$2.60	.24	.28	\$2.64

Assume July wheat is unchanged at \$2.80 at option expiration and the basis is 12 under for a cash price of \$2.68

TABLE 3

Strike	Cash Price	Premium Paid	Option Value	Net Selling Price
\$2.60	\$2.68	.04	.00	\$2.64
\$2.80	\$2.68	.12	.00	\$2.56
\$3.00	\$2.68	.24	.20	\$2.64

JULY

SAT. JULY 12 - 10AM, Public Benefit Auction at the Manheim Farm Show Building, Manheim, PA. Quilts, Household Goods, Baked Goods, Assorted Items. Auction by Singing Servants Chorus. John H. Fry, Auct.

SAT. JULY 12 - 1:30PM, Silos, Farm Equip. Located in Juniata Co. at the farm of Robert Swartz, 2 mi. south of East Salem just off Rt. 235 and 6 mi. north of Rt. 322 at Thompsontown. Follow direction signs Robert & Delbert Swartz, owners. Bryan D. Imes, Auct.

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VEHICLES

1976 Peterbilt Tandem axel, GVWR 55,280,SR#77545N wrecker with cat engine and 750 Holmes Boom, 1976 Peterbilt Tandem axel also with cat engine and 750 Holmes Boom, 1980 Chev. Scottsdale 30 wrecker SR.#CKM33A1167536 4 wheel drive with Holms Commander model 1200 boom 26,000 miles, 1980 Chev. Scottsdale 30 wrecker, SR.#CKM33A116 4750 with Holms Commander model 1200 boom, 4 wheel drive and snow plow, 41,000 miles, both have twin cable hydraulic booms, 1970 International Loadstar model C01800 SR.#4268006048536 moving van, 1967 Mack Stub Nose Tractor Chassis #H67T SR.#2795 (rough) 1977 Chrysler Cordoba 8 auto., 1978 Chev. pick-up 8 auto., 1974 Dodge Swinger 6 auto., 1973 Chev. Mal. 8 auto., 1976 Chrysler Cordoba 8 auto., 1972 Monte Carlo 8 auto..

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Dick Shaffer Relies On Steam Power To Churn Homemade Ice Cream

BY SALLY BAIR
Lancaster Co.
Correspondent

LEWISBERRY — Making homemade ice cream is a simple pleasure, especially popular in the summer. Dick Shaffer, a lifelong York County resident, loves to make homemade ice cream, but he goes at it a little differently from most folks, and in a big way.

For the last six years, Shaffer has been making ice cream in a 20-quart freezer, parts of which he resurrected from a junk heap. Turning ingredients to produce 20 quarts of ice cream takes some special power, and Shaffer's favorite turning power comes from either a steam engine or an antique gas engine.

The freezer has been carefully assembled by Shaffer from various sources. The adventure began when Shaffer attended a public sale at Rossville, not far from his Lewisberry home, and found the drive unit for a 20-quart ice cream freezer on a junk pile, "all broken up." At the same sale the 20-quart can was sold with the household goods, and Shaffer purchased that.

After repairing the drive unit, he was still without the tub to hold the ice for the freezer. Luck was with him, however, when a friend stopped by one day and announced that he had found a 20-quart tub on a farm dump. Then Shaffer was in

business. He said, "I put it together, and rebuilt it." He had to add metal bands to the tub, but with a fresh coat of paint, it looks brand new.

Shaffer said the original freezer, a White Mountain Big Chief, was used in an ice cream parlor in Rossville, and prior to that was one of four on a line shaft at Rakestraw's Dairy in Mechanicsburg.

The transmission has a low and second gear, and Shaffer explains that if he is using "store bought" ingredients he can run it in second gear. However, he frequently makes ice cream for some Amish friends, and when they supply the product, he must use low gear or the fresh cream turns to butter.

Eventually, Shaffer had to have a stainless steel can made to go with the freezer when the original can deteriorated. The ice cream that was in the can at the time is the only batch that ever was less than perfect. It tasted salty from the salt used to melt the ice. Even that didn't stop people from eating the ice cream, though.

A great fan of steam and old gasoline engines, Shaffer finds the power they produce perfect for driving the belt that turns the can filled with delicious ingredients.

Turning the milk and cream to ice cream takes only about 45 minutes, according to Shaffer, but



Shaffer and his wife, Wanda, prepare to check the ice cream as Ken Bushey shovels more fuel into the engine.

when you're using a steam engine for power, that must first be readied. One of the engines most frequently used by Shaffer is owned by Ken Bushey, Mechanicsburg. He says they never use a tractor because it is too fast on the belt. Usually, Shaffer uses his own 1½ horsepower International gas engine.

After traveling to many shows and sales over the six years since he's been making the ice cream, Shaffer says he's never seen another ice cream freezer like his, and he's never had anyone say that they have seen one.

What's the most frequently asked question by bystanders as the ice cream is being turned? "How soon will it be finished?" and "Are we gonna get any to eat?"

Shaffer says the ice cream is usually made to be eaten by workers at the various shows after the crowds leave. The paddles are pulled out and put on a meat plate and one person eats the ice cream from them.

For those who wonder about such things, the 20-quart freezer will make enough ice cream for 30 to 35 persons, depending upon their appetite for homemade ice cream. Also, Shaffer mentions that the most he ever made at one time, was three batches at one homemade ice cream party!

Shaffer's wife Wanda travels with him when he goes to shows to make ice cream, and while she is no fan of homemade ice cream, she serves as the official taster. According to Wanda, her job is to be there when the turning is done and the lid is lifted off. She dips her finger into the fresh ice cream and determines if it is ready to be eaten!

She also is the official keeper of the recipe, one they worked out and have stuck with because they like the results. For the 20 quart freezer, they use:

2½ dozen eggs
6 cups sugar
1½ pints whipping cream
4 cans evaporated milk
1 small bottle of vanilla
2 gallons regular milk

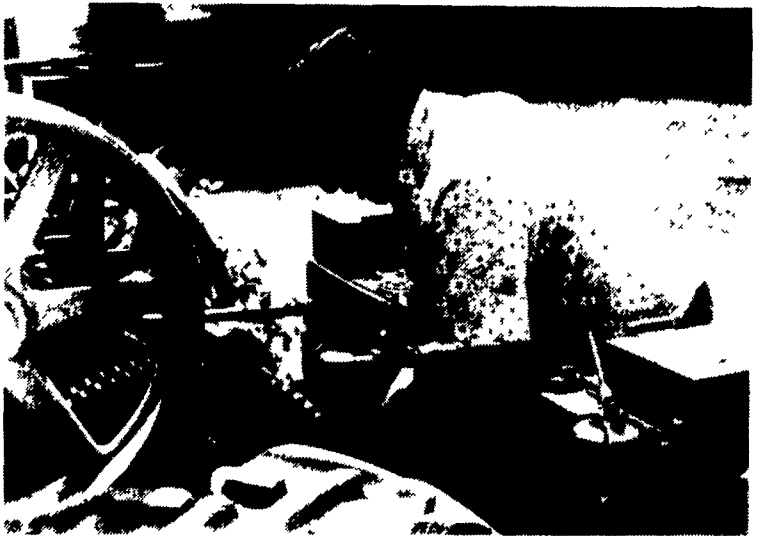
Wanda says they use less milk if they are adding strawberries or raspberries to the batch. They also add the fruit with the milk mixture.

In addition to the ice cream ingredients, it takes 100 pounds of crushed ice and 5 pounds of salt for each 20 quart batch.

This is not cheap ice cream! Shaffer estimates that it costs about \$20 for each 20 quarts. To help defray the cost of making this delicious product, the Shaffers usually set a cup near the ice cream and accept donations. They never sell the ice cream for profit. "We do it mainly for pleasure," Shaffer explains.

Wanda says, "I never get tired of shows, and I love the Amish."

Shaffer concurs, "Some of the



Ken Bushey does the fueling of the steam engine. It takes about an hour to get enough power to turn the ice cream freezer, and another 45 minutes to turn the ingredients into ice cream. But the wait is definitely worth it!

finest people I know are at the steam engine shows. They are all nice people."

Though his schedule gets more hectic in the summer, Shaffer points out that involvement such as his is a year round commitment. He just finished a term on the board of directors of the Williams Grove Historical Steam Engine group, and is affiliated with organizations in Stewartstown, Arcadia, Smithburg and Kinzer and Gratz, among others.

He obviously relishes attending the shows and sharing the feeling of history that comes at these events. In fact, his wife says there is no question that he would enjoy returning to the time when steam engines and gas engines were a way of life. "He'd go back in a minute."

Shaffer admits that its true, adding, "I was born and raised on a farm, and we didn't know anything about what we have now. It was the best we had and we didn't know any better."

Although he grew up on a farm, Shaffer has operated a tractor repair business out of his home for the past 25 years. This business puts him in a good position to help restore gas and steam engines or to help those who are interested. If fact, he keeps increasing his own knowledge as he travels from show to show. "I learn something new every day," he says.

Shaffer says the interest in steam engines is "increasing

every year," something which greatly pleases him. "It is something people enjoy. There are more people coming to the shows, and a lot more of them are new people."

He added, "There are quite a few small shows developing." He and Bushey agreed that gas engines are fairly easy to acquire for someone with a casual interest because their cost is still within reason. But steam engines are a little more difficult to find, and a lot more expensive. "You don't just pick them up," Shaffer said the only steam engines that are being sold now are ones where the owner feels he's too old to handle it.

Both men pointed out that it is not easy to fire up a steam engine, and it is a hot job — from 150 to 170 degrees close to the boiler on a hot day. It is also dirty, and Shaffer noted that once the soot is on your clothing, it stays there. Often clothing can be burned from sparks from the hog engines.

For Wanda and Dick, making homemade ice cream means one thing — firing up the gas engine or steam engine, and making a 20-quart batch. It is a labor of love, and as July Ice Cream month progresses, they will be traveling with their ice cream freezer, recreating nostalgia for a generation used to getting their ice cream in a box from the store. They will also be helping Dick enjoy a time of his life that brings him much pleasure.



This White Mountain Big Chief freezer was assembled from parts that had been discarded. Dick Shaffer collected the drive unit, the can and the tub and restored them to this usable condition.



Making homemade ice cream doesn't need to use a lot of muscle power. Dick Shaffer makes it in 20-quart batches, but uses either a steam engine or antique gas engine to supply the turning power. Here, Dick checks the ice supply.

Homestead Notes



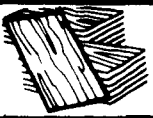
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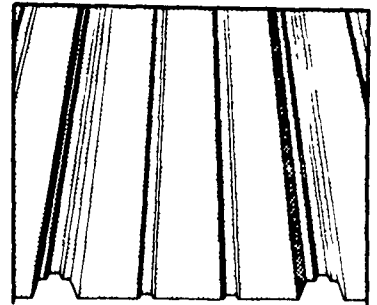
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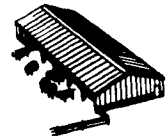


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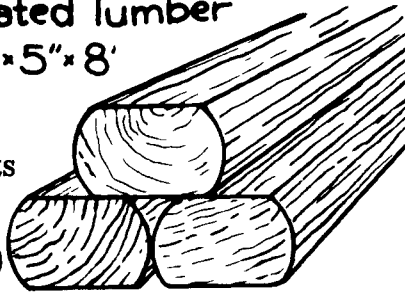
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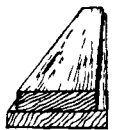
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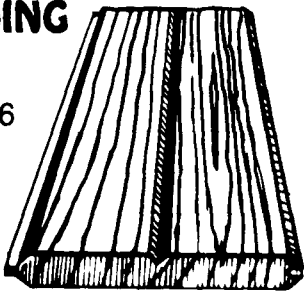
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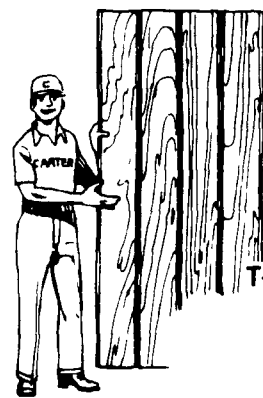
	8'	10'	12'	14'	16'
2"x4"	1.79	2.43	3.05	3.59	4.79
2"x6"	3.15	3.63	5.35	5.58	7.45
2"x8"	4.79	5.99	7.89	8.35	10.89
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2"x8"	3.29	4.15	4.97	5.80	6.62	8.52	9.47
2"x10"	5.13	6.40	7.69	8.87	10.25	12.75	14.17
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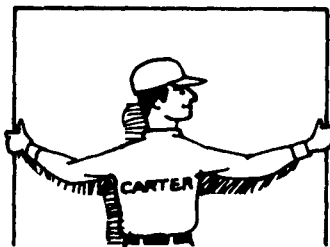
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Egg Cooking Contest Planned For Sept. 6

HARRISBURG — The second annual Pennsylvania Egg Cooking Contest has been scheduled for

Saturday, September 6 at the Farm and Home Center in Lancaster. The contest, sponsored by

the Pennsylvania Department of Agriculture, the Pennsylvania Poultry Federation, and the Pennsylvania Egg Marketing Association, is open to the public.

To enter, send recipes to EGGS, Bureau of Markets, Pennsylvania Department of Agriculture, 2301 N. Cameron St., Harrisburg, PA 17110. You may send in as many recipes as you like in one envelope,

but each recipe must be on a separate sheet of paper. Please print or type your name, address (including county), and phone number on each recipe. Recipes must be received by July 31.

All recipes must include at least one egg per serving. All ingredients should be familiar to most people and readily available nationwide. Recipes should give

the exact amount for each ingredient in the order that ingredients are used in the recipe method. Be sure to include cooking utensil, time and temperature in the recipe method. Recipes should not include garnishes.

Top prize is \$1,000 and entry into the National Egg Cooking Contest, sponsored by the American Egg Board.

Ida's Notebook

Ida Risser



July 4th is a time for celebration of our independence and a time for family gatherings. However, I think we will have a quiet day here on the farm since none of our children will be home this year.

Our youngest plans to fly to Seattle to visit her sister and a friend; while two of our children will spend the weekend of the fourth in Atlanta, Ga. One is moving there from Maine and the other is visiting.

Another son will soon be moving to North Carolina from Downingtown. Now all of our grandchildren will be living at a great distance from us. Still another son has a job in Chicago.

I find it rather sad to have a family scattered to the wind. One reason for this is their going away to college and then their education

leads them to distant jobs. And, the airplane is another factor in the dispersion of families as they find it easy to travel great distances.

Last month we had a family picnic but many of the extended family were missing. Some older ones were ill and others lived too far away to attend. My sister lives in Lansing, Mich., with her husband, three children and six grandchildren.

As our children all have salaried jobs, they sometimes find themselves working long hours when there is a strike. You see, they are expected to take up the slack and keep things running smoothly.

I guess that I should be glad that my biggest worry is whether or not it will rain before I get all of the raspberries and blueberries picked.



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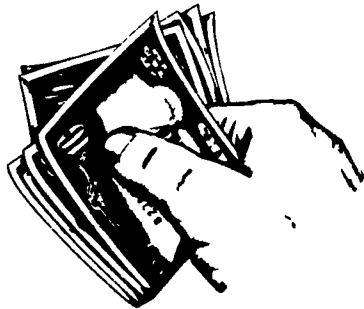
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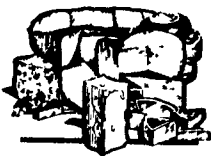
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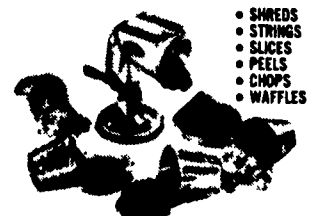
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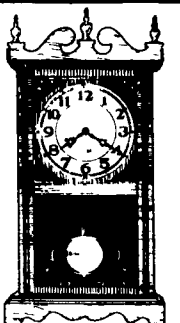


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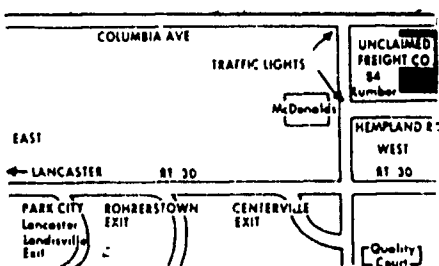
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On being a farm wife - And other hazards

Joyce Bupp



Low and guttural, the unexpected sound caught me by surprise. Instinctively, I took a slight step backward.

And then I went in for a closer look.

Feathers puffed to double her normal size, tail fan spread behind her compact body, and fire glowing in her beady eyes, this chicken meant business.

That she had squatted — literally — in my heifer feeding alleyway made not the least bit of difference to this feisty, gray, half-bantam hen. All the elements needed for sustenance were at hand: soft straw on which to sit, bales for hiding behind, and tasty ground grain, scattered by the heifers and occasionally filtering down to the floor from a tiny crack in the overhead bin.

It was, of course, the perfect place to raise a family.

She had first turned up under a feeding trough, cozily nested down in a curved depression in loose straw and hay residue. That seemed like an ideal spot to hatch a family, since it was off the busy feed alley back in the old barn, sheltered by the trough, and provided an observation post for any cats passing by.

But then I strolled in one morning to feed and was greeted with the low warning sound. Right next to my feet. Beside a bale. And on the alleyway floor, smack under the hay hole where bales are dropped down from the mow above.

"Look, chicken, that's a pretty poor place to nest," I grumbled back at her. "You wanna' look like pressed duck, do you?"

Her only response was to further fluff those gray feathers and issue louder "stay away from me, pest"

warnings.

And then there was another perplexing question: how had she moved those eggs from the first nest under the trough down onto the floor? It's about a ten-inch drop. There were no broken shells and didn't seem to be any fewer eggs.

Certainly, this clever, determined, little hen deserved her chance to finish the job. So, over her protests, the eggs were relocated back to the previous, and infinitely safer and more sensible, spot.

Some mornings later, Mother Chicken fussing again sounded from the back of the feed alley. But this time it was accompanied by a chorus of high-pitched peepings.

Babies! Seven of 'em. Teeny, little balls of fluff, just hatched. Two yellows, two blacks, two grays and one rather nondescript blend of the above shades.

Normally, we don't encourage this chicken population; dairy farm inspectors and chickens don't mix the best. Still, I felt a bit protective of this batch. And, after all, they were up in the heifer barn, and not really close to the dairy herd.

Furtively checking over my shoulder for spectators, I tossed the little family an extra handful of ground chop. We mothers have to sometimes lend a hand to one another.

But one question keeps coming back to haunt my imagination.

Just how did that mother hen get those eggs moved from one site to another, from up under the trough to down on the alleyway floor, without breaking a single one?

It may prove to be one of the great, unsolvable, mysteries of my life.

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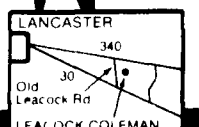
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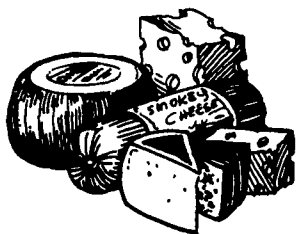


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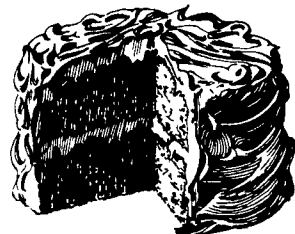
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Home On The Range



Continue Cooking With Dairy Products

The response to our quest for dairy recipes was so overwhelming that we couldn't publish all of them during June. So, this week we'll print a few more recipes featuring fresh dairy products.

The quality and variety of recipes submitted have been excellent and we hope you've clipped a few for future use. If you shared a recipe, Lancaster Farming thanks you for your contribution. We hope you will continue to share recipes throughout the year, because it is your recipes that make this weekly feature so successful.

In the coming weeks, Home on the Range will offer recipes for picnic foods, garden fresh vegetables and summer fruits. Take time out from your busy summer schedule to sip a glass of icy milk and search for your favorite recipes to share with other Lancaster Farming readers.

CHEESE FONDUE

6 slices dry bread (8 slices if thin)
½ pound sharp yellow cheese
6 eggs, beaten
1 teaspoon salt
2 cups skim milk
½ cup butter

Cut bread into small cubes, grate cheese. In greased casserole, put alternate layers of bread and cheese. Beat eggs, add milk and salt. Pour over cheese and bread. Pour melted butter over all. Keep in refrigerator over night. Bake in a pan of water at 400°F. for 45 minutes.

Mona Robinson
Linden

JELLO 'N ICE CREAM DELIGHT

1 6-ounce package lime gelatin
1 20-ounce can cubed pineapple
1 pint vanilla ice cream
1 cup chopped nuts (any kind)

Dissolve gelatin in 1 cup boiling water. Cool until partly set. Add vanilla ice cream and beat lightly with electric mixer. Add quickly the undrained pineapples and nuts. Refrigerate 2 hours. Serves 5.

Esther M. Sensenig
Ephrata

ICE CREAM

Beat together:
3 eggs
½ to ¾ cup granulated sugar

Add:
1½ cups heavy cream
1½ teaspoons vanilla
1 quart milk

Pour into ice cream maker and churn until finished. Serve with desired toppings.

Mrs. Lester Newswanger
Shippensburg

CHICKEN RAGOUT

4 to 5 pound stewing chicken, cut up
2½ cups water
1 medium onion, sliced
1½ teaspoons salt
2 bay leaves, broken
¼ teaspoon whole cloves
1½ cups carrot circles
1½ cups thinly sliced celery
1 cup thinly sliced cauliflower
½ cup all-purpose flour
2½ cups milk
½ cup dairy sour cream, at room temperature

Wash and dry chicken. Render fat from cavity of chicken in large saucepot. Brown chicken in fat. Pour off excess fat. Add water, onion, salt, bay leaves and cloves. Cover and simmer 1½ to 2 hours or until chicken is fork tender. Remove chicken and onion to hot plate to keep warm. Strain cloves and bay leaf from broth. Return broth to saucepot. Add carrots, celery and cauliflower. Simmer 2 to 3 minutes. Meanwhile, combine flour and a small amount of milk to make a smooth sauce, add remainder of milk. Gradually stir milk into broth. Cook over medium heat, stirring constantly, until the mixture reaches the boiling point. Boil 1 minute. Remove from heat. Stir in sour cream. Add chicken and onion. Cover and cook over low heat just until ragout is to serving temperature. Makes 6 to 8 servings.

SCALLOPED POTATOES

6 medium potatoes
6 ounces Velveeta cheese
¼ pound butter
4 teaspoons onion
1 teaspoon salt
¼ teaspoon pepper
1½ cups milk

Cook potatoes in shells. When cold, peel and grate. Melt butter; add milk and heat a little. Add cheese and melt. Pour over grated potatoes. Top with 2 teaspoons butter and paprika. Bake at 350°F. for 1 hour.

Pauline Hurst
Newville

STRAWBERRY ICE CREAM

1 cup milk
¾ cup sugar
2 tablespoons flour
1 quart strawberries
1 cup whipping cream

Combine ½ cup sugar and flour. Gradually add scalded milk and cook until thick. Cool. Add strawberries that have been forced through sieve and to which the remaining sugar has been added and dissolved. Fold in whipped cream. Freeze.

Esther Zimmerman
New Holland

RASPBERRY SHERBET

1 pint red raspberries
½ cup water
½ cup whipping cream
¾ cup sugar
2 tablespoons lemon juice
1 egg white

Put the fresh berries in a saucepan with the water and sugar and cook for 5 minutes. Press through a sieve and add the lemon juice. With canned berries, omit the water. Simply heat in their own juice and press through a sieve. Cool. Beat until light and fluffy, then fold in egg white, beaten stiff, and beat the mixture again. Fold in the cream, whipped, until thick and stir well. Freeze.

Ella Zimmerman
New Holland

BUTTERSCOTCH PUDDING

1 cup brown sugar
2 eggs, beaten
3 tablespoons flour
¼ teaspoon salt
3 cups milk
2 tablespoons butter
1 teaspoon vanilla

Melt butter in skillet, add the sugar and salt and mix well. Slowly add 2 cups milk; heat to boiling point. Combine remaining milk and flour. Add to mixture and stir constantly until thickened. Beat eggs, add ½ cup hot mixture to eggs and then add to pudding. Cook for 2 minutes and remove from heat. Add vanilla and chill. Garnish with ground peanuts, whipped cream or bananas as desired. Eat and enjoy!

Sandra Zimmerman
Fleetwood

LEMON CHIFFON PUDDING

Cream:
5 tablespoons flour
1 cup sugar
3 tablespoons butter
Add:
2 egg yolks, beaten
¼ cup lemon juice
1 cup milk
½ teaspoon salt

Fold in 2 egg whites, stiffly beaten. Bake in an 8-inch casserole or individual custard cups set in a pan of warm water. Bake 35 minutes at 360°F. for 375°F. Will form a cake top with a layer of custard below. Serves 4 to 6.

Karen Zimmerman
Fleetwood

GRAHAM CRACKER FLUFF

Soak:
1 package gelatin in ½ cup cold water
Mix:
½ cup sugar
¾ cup rich milk
Add:
2 egg yolks

Cook for 1 minute, stirring all the time. Remove from heat, add gelatin and 1 teaspoon vanilla. Chill until mixture begins to thicken. Add 2 stiffly beaten egg whites and 1 cup cream, whipped. Crumbs:
Mix 1½ tablespoons butter and 3 tablespoons brown sugar together. Mix with crumbs of 12 graham crackers. Line the bottom of dish with ½ of the crumbs and pour into pudding. Put remaining crumbs on top.

Catherine Yoder
Reedsville



Coax a stewing chicken to tenderness and flavor with simmering temperature, then make it creamy with milk and sour cream.

CHOCOLATE CREAM PIE

2 squares chocolate or 3 tablespoons cocoa
2 cups milk
1 cup sugar
1 tablespoon butter
½ teaspoon salt
3 tablespoons cornstarch
2 eggs, separated
1 teaspoon vanilla

Melt chocolate in top of double boiler. Add 1½ cups milk and bring to a boiling point. Combine sugar,

salt and cornstarch. Add remaining milk to make a smooth paste. Add paste to hot milk and cook until thickend.

Beat egg yolks. Pour a small amount of hot mixture over yolks before adding them to the hot mixture. Cook 2 more minutes. Remove from heat and add butter and vanilla. Cool and pour into baked pie shell.

Esther Lantz
Ephrata

(Turn to Page B8)

Featured Recipes

This week's featured recipe comes from Joanne Fejko of Butler, the overall winner in the Butler County 1986 Dairy Foods Cooking Contest. Featuring cream cheese and pudding, Joanne's recipe is a family favorite. For more on the recipe contest and other Butler County dairy promotions, turn to Barb Rader's story in this week's B section.

Eclair Dessert

1 cup water
½ cup butter
1 cup flour
4 eggs

Filling:

1 8-ounce package cream cheese (soft)
2 large packages instant vanilla pudding made with 6 cups whole milk

Heat water to a boil, add butter and stir in flour over heat until ball forms. Remove from heat, add eggs one at a time. Beat well after each egg. Spread in lightly-greased jelly roll pan. Bake at 400°F. for about 25 minutes or until lightly brown. Cool. Press down bubbles. Prepare pudding according to directions on package. Mix soft cream cheese and pudding. Spread over dough. Top with whipped cream. Drizzle with chocolate syrup and sprinkle with chopped nuts.

This week's second featured recipe comes from Fern Yorgey of Red Wing Farms, Berks County. She shares one of her favorite custard recipes. A major producer of brown-shelled eggs, the Red Wing operation is featured on page D2 of this issue.

Smooth As a Kitten's Ear Baked Egg Custard

5 eggs
½ cup sugar
¼ teaspoon salt
3 cups milk
1½ teaspoons vanilla
Nutmeg, coconut or berries.

Set oven at 300°F. Butter a 1-quart casserole. Beat eggs on number 12 speed for one minute. Add sugar and salt. Beat one more minute. Add milk and vanilla. Beat on number 3 speed until well blended. Sprinkle with nutmeg, coconut, or one cup berries. Set in shallow pan of water. Bake one hour at 300°F. until knife half inserted in center comes out clean. Chill and serve plain or with cream.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

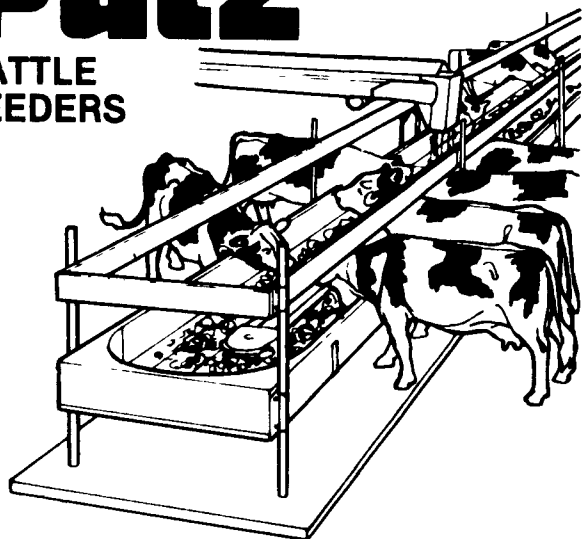
July
12-
19-
26-

Picnic Foods
Garden Fresh Vegetables
Summer Fruits

Conveying And Feeding...

Patz

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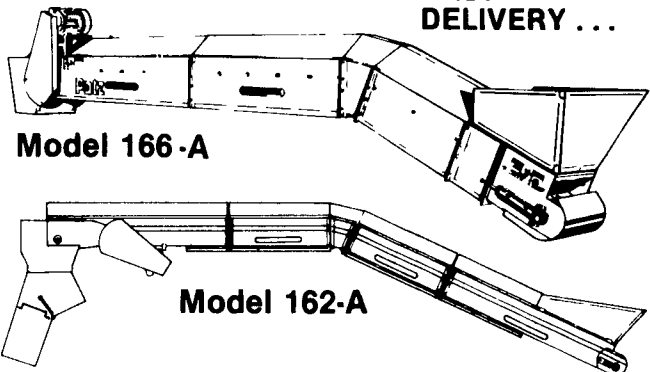


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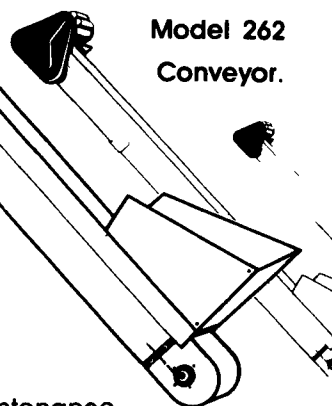


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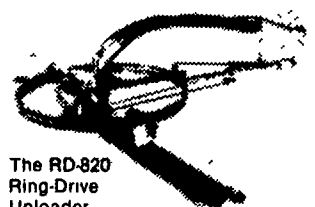
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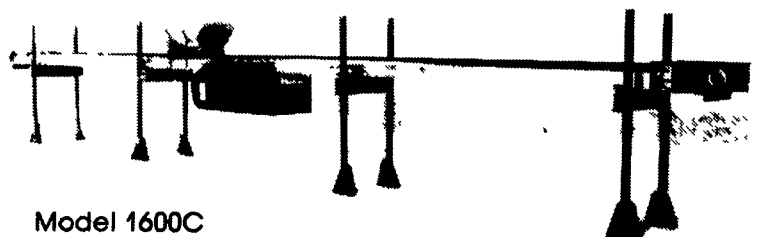
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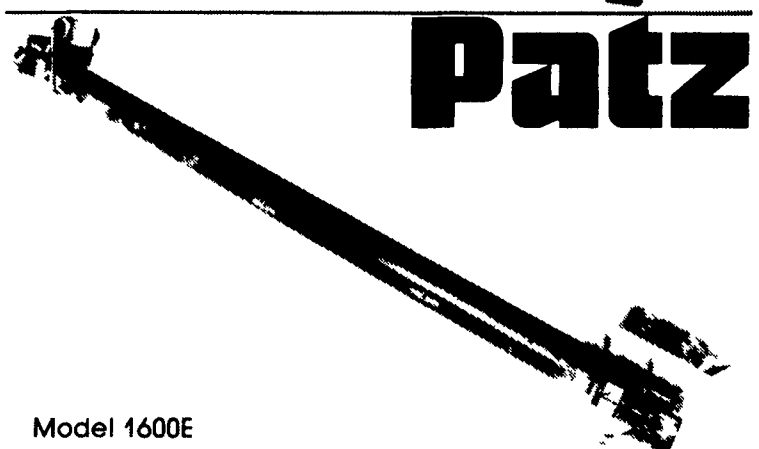
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Dairy Products Add Necessary Nutrients To Your Meals

(Continued from Page B6)

BANANA SPLIT DESSERT

2 or 3 bananas
½ gallon chocolate, vanilla and strawberry ice cream
1 cup chopped walnuts
1 cup chocolate chips
1 cup chocolate chips
Graham cracker crumbs
½ cup butter
2 cups confectioner's sugar
1½ cups evaporated milk
1 teaspoon vanilla
1 pint whipping cream

Cover bottom of 11x15-inch pan with graham cracker crust. Reserve 1 cup crumbs. Slice bananas and layer over crust. Slice ice cream in ½-inch slices and place over bananas. Sprinkle ice cream with 1 cup chopped walnuts. Freeze until firm. Melt 1 cup chocolate chips and ½ cup butter; add powdered sugar and evaporated milk. Cook until thick and smooth, stirring constantly. Remove from heat and vanilla. Cool, then pour over ice cream and freeze until firm. Whip cream until stiff, spread over chocolate layer and top with buttered crumbs. Store in freezer.

Mary Weaver
East Earl

PEACHES AND CREAM CAKE

Batter:

¾ cup sifted flour
1 teaspoon baking powder
½ teaspoon salt
1 small box vanilla pudding mix (not instant)
1 egg
3 tablespoons butter (room temperature)
½ cup milk

Topping:

1 29-ounce can sliced peaches drained (set aside 4 tablespoons juice)
1 8-ounce package cream cheese, softened
½ cup sugar
½ teaspoon cinnamon
1 tablespoon sugar

Combine batter ingredients and mix on medium speed, 2 minutes. Pour into greased 10-inch pie plate.

Arrange peaches on batter. Combine reserved peach juice, cream cheese and ½ cup sugar. Mix 2 minutes on medium speed and pour over peaches. Combine remaining sugar and cinnamon and sprinkle on top. Bake at 350°F. for 30 to 35 minutes.

Marguerite Webb Banford
Augusta, W. Va.

PEANUT BUTTER GOODIE

1½ cups graham cracker crumbs
¼ cup sugar
¼ cup butter

Mix all together, reserve ¼ cup for topping. Press into bottom of 11x8x2-inch pan. Bake at 350°F. for 5 to 8 minutes. Cool. Mix until crumbly, ½ cup peanut butter and ¾ cup confectioner's sugar; sprinkle these crumbs over baked crust. Mix 1 3½-ounce package instant pudding (any flavor) according to package directions. Pour over crumbs. Spread whipped topping over all and put remaining crumbs on top.

Mary Weaver
East Earl

GRAPE MILK PUNCH

2 quarts very cold milk
1 12-ounce can unsweetened frozen grape juice concentrate, thawed
1½ gallons vanilla ice cream
1 2-liter bottle ginger ale

Allow vanilla ice cream to soften in container in which you will make punch. When ready to serve punch, add milk and grape juice concentrate; then add ginger ale. Fold ice cream through other ingredients.

Beverly Finnerty
Columbia Cross Roads

BAKED EGG CUSTARD

4 eggs, slightly beaten
½ cup sugar
¼ teaspoon salt
3 cups milk, heated until very warm
1½ teaspoons vanilla

Beat together eggs, sugar and salt until well blended. Gradually stir in hot milk and vanilla. Pour into 6 6-ounce custard cups or 1½-quart casserole.

Set custard cups or casserole in large baking pan, then put pan on rack in oven. Pour very hot water into pan to within ½ inch from top of custard. Bake in preheated 350°F. oven until knife inserted in center comes out clean — 25 to 30 minutes for cups and 35 to 40 minutes for casserole. Serve warm or chilled. Makes 6 servings.

Jacquelyn King
York Springs

BREAD PUDDING

2 tablespoons flour
3 eggs, slightly beaten
½ cup sugar
¼ teaspoon salt
1 teaspoon vanilla
1 quart milk
3½ cups bread cubes

Melt butter and combine with beaten eggs, sugar, salt, and milk. Mix and pour over bread cubes. Bake at 350°F. for 40 to 50 minutes. Raisins may also be added.

Tammy Herr
Kirkwood

IMPOSSIBLE CHEESECAKE

¾ cup milk
2 teaspoons vanilla
2 eggs
1 cup sugar
½ cup baking mix
2 8-ounce packages cream cheese, cut into about ½-inch cubes and softened

Blend milk, vanilla, eggs, sugar and baking mix in blender on high for 15 seconds. Add cream cheese. Blend on high 2 minutes. Pour into greased 9-inch pie plate. Bake until center is set — about 40 to 45 minutes at 350°F. Cool. Spread topping on top. Serve with fruit.

Cheesecake Topping: Mix 1 cup sour cream, 2 tablespoons sugar and 2 teaspoons vanilla.

Mrs. Ann M. Kramer
Newmanstown

CREAM CUSTARD PIE

1 cup brown sugar
1 cup cream
3 eggs
1 teaspoon vanilla

Beat eggs. Add brown sugar, cream, and vanilla. Pour in unbaked pie shell. Bake in hot oven (450°F.) for 15 minutes. Reduce heat to 300°F. and bake 30 to 35 minutes longer. Filling should appear slightly less set in center than around edges.

Leah Stoltzfus
Leola

CHERRY DELIGHT

2 cups graham cracker crumbs
¼ pound butter

Make into a crust.

1 envelope whipped topping mix, made according to directions.

Add ½ cup powdered sugar and ½ teaspoon vanilla. Beat in 1 8-ounce package cream cheese. Spread on crust. Then top with 1 can cherry pie filling or any fresh fruit pie filling. Raspberry is also delicious if seeds are removed and thickened with tapioca.

Anna Allgyer
New Providence

CHEESECAKE

1½ cups graham cracker crumbs
¼ cup sugar
¼ cup softened butter
1 8-ounce package cream cheese
1 15-ounce can condensed milk
½ cup lemon juice
1 teaspoon vanilla
1 pound can pitted black cherries, drained
2 tablespoons sugar
4 teaspoons cornstarch
¾ cup cherry juice

Crust: Blend cracker crumbs with sugar and butter. Press mixture firmly against sides and bottom of 9-inch pie plate. Bake at 375°F. about 8 minutes. Cool.

Filling: Whip cheese at room temperature. Add condensed milk gradually while beating. Add lemon juice and vanilla. Blend well. Pour into pie crust. Chill 2 to 3 hours before glazing top.

Cherry Glaze: Blend sugar and cornstarch. Add cherries and juice. Cook until thickened and clear. Cool.

Rachel King
Lancaster

PUMPKIN PIE

2 cups pumpkin (or more)
2 cups brown sugar
3 heaping tablespoons flour
6 eggs
6 cups milk
Pinch of salt
Vanilla

Nutmeg, if desired, is also good with coconut.

This is a large recipe that makes 4 pies. Beat egg whites and add last. Bake at 425°F. for 20 minutes then at 325°F. for 20 minutes or more until baked in the middle.

Sarah B. King
Lancaster

CONNECTICUT SUPPER

1 pound ground beef, browned in skillet
4 medium potatoes, peeled and sliced
1 10-ounce can mushroom soup (or you can substitute white sauce)
2¼ cups milk
1 teaspoon salt
¼ teaspoon pepper
1 cup grated cheese

Layer beef in bottom of 9x13-inch pan. Place potatoes on top of this. Pour on white sauce or mushroom soup, milk, and seasoning. Sprinkle cheese on next and top with bread crumbs. Bake at 350°F. for 1½ hours.

Mrs. Daniel Weaver
Boiling Springs

POTATOES AU GRATIN

3 pounds boiling potatoes
½ cup butter
½ cup chopped onion
1½ teaspoons caraway seed
½ cup plus 2 tablespoons all-purpose flour
1 tablespoon instant chicken bouillon
½ teaspoon salt
¼ teaspoon pepper
4 cups milk
2 eggs, beaten
2½ cups (10 ounces) shredded Swiss cheese
1 clove garlic, split in half
2 tablespoons butter
½ cup dry flavored bread crumbs

Peel potatoes and cut into 1/8-inch thick slices; drop into cold water; set aside. Melt ½ cup butter in 2-quart saucepan. Saute onion and caraway seed until onion is tender, about 5 minutes. Stir in flour, bouillon and seasonings until blended. Remove from heat. Gradually stir in milk. Bring to boiling, stirring constantly. Boil and stir 1 minute. Stir small amount of hot mixture into eggs. Return all to saucepan. Cook over low heat 2 minutes. (Do not boil.) Preheat oven to 375°F. Drain potatoes; pat dry with paper toweling. Rub cut sides of garlic over sides and bottom of 3-quart rectangular baking dish. Discard garlic. Layer half the sauce, half the potatoes and 1½ cups of the cheese in baking dish. Repeat layer using remaining ingredients. Melt 2 tablespoons butter; stir in bread crumbs. Sprinkle crumb mixture over top of potato mixture. Bake 45 to 50 minutes, or until potatoes are tender.

SWEETHEART SALAD

2 cups crushed pineapple
½ cup honey
1½ tablespoons plain gelatin
¼ cup cold water
6 ounces cream cheese
2 tablespoons lemon juice
2 tablespoons cherry juice
½ cup dry milk
½ cup water

Dissolve gelatin in ¼ cup cold water. Bring pineapple and honey to a boiling point and add gelatin. Stir until gelatin is dissolved. Add lemon juice and cherry juice. Add creamed cheese and beat well. Chill until slightly thickened. Combine dry milk and ½ cup water and beat with egg beater until slightly thickened. Add to pineapple and mix well. Pour into a mold and refrigerate.

Elizabeth Riehl
Leola

STRAWBERRY DESSERT

Crust:
1 cup flour
½ cup butter
½ cup nuts
2 tablespoons sugar

Mix like pie dough. Press into 13x9-inch cake pan. Bake at 350°F. for 15 minutes or light brown. Cool.

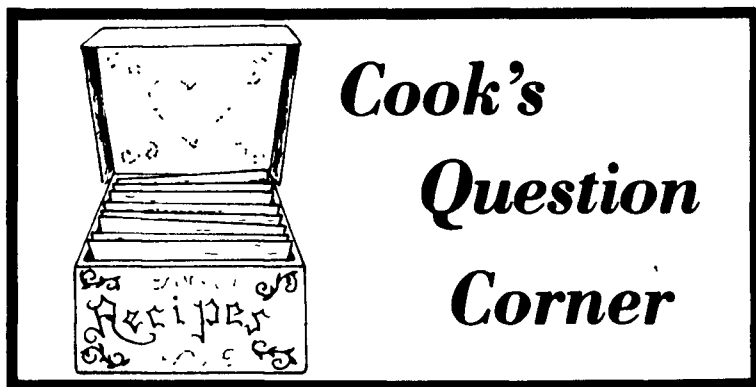
Beat together:
1 8-ounce package cream cheese
1 cup powdered sugar
Add:
1 cup whipped cream
Spread on crust.

Strawberry Filling

1½ cups sugar
4 tablespoons cornstarch
4 tablespoons corn syrup
1½ cups water
Cook just until it boils. Add:
6 ounces strawberry gelatin
1½ cups cold water
Cool. Pour on cream cheese mixture. Top with 1 quart or more sliced strawberries. Garnish top with whipped cream.

Leah Peachey
Belleville

(Turn to Page B9)



Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. Rick Keeseman, Shippensburg, would like a recipe for making and canning homemade pork and beans.

QUESTION - Arlene Allen of Granville Summit would like recipes using fresh raspberries.

QUESTION - Shirley Verity, Pittstown, N.J., would like a recipe for bread pudding like the Duff's Smorgasbord Restaurants serve in Florida. It has whole slices of white bread, raisins and eggs, but not too much custard bottom. It has a thin custard topping with cinnamon sprinkled on top. She would also like a recipe for moist bread dressing to use for a church turkey supper to serve 200 to 250 people. It is not stuffed in the turkeys.

QUESTION - Barbara Gougler, Covington, would like recipes using Nutra-Sweet. She is especially interested in recipes for cakes and desserts.

ANSWER - Mrs. Ginny B. Atkinson, a reader from Bridgeton, N.J. would like to share her great grandma's rice pudding recipe found in her 1850 book of recipes. Thanks Ginny, for sharing this unique recipe.

Great Grandma's Rice Pudding

Into 1 pint of purest drink
Let 1 teacup of clean rice sink, no matter where.
Stir with a spoon and deftly add of milk 1 quart;
Boil 'til it thickens as it ought,
Stirring it with the aforesaid spoon
'til it is smooth and white and done
Then add 3 egg yolks beaten light
One lemon's rind all grated right
And of white sugar well refined
8 spoonfuls by stirring thus combined
Now pour the mixture in a dish
Of any size that you may wish
And let it stand, while with a fork
You beat the whites as light as cork-
The whites of the 3 eggs I mean
And when they're beaten stiff and clean
Add 8 spoonfuls of sugar light
Now put the frothing nice and white
Upon your pudding like a cover
Be sure you spread it nicely over
In a cool oven let it brown
We think the pudding will go down!

Make Dairy Dishes Part Of Your Menu

(Continued from Page B8)

CHEESECAKE

Mix and cool:
1 regular package lemon gelatin
1 cup hot water

Mix:
1 cup sugar
6 ounces cream cheese

Add the above mixtures together. Pour slowly and beat in 1 can condensed milk into the first mixture.

For crust, mix 34 crushed graham crackers, 1 cup sugar and ½ cup butter. Mix ingredients together in pie pan and press to form crust. Reserve a few crumbs for the top.

Ruth Stoltzfus
Christiana

CHERRY CHEESECAKE

2 8-ounce packages cream cheese
¾ cup sugar
2 tablespoons flour
½ teaspoon salt
3 eggs, slightly beaten
1 cup sour cream
¼ cup lemon juice
1 teaspoon vanilla
1 21-ounce can cherry pie filling

Beat cream cheese until very soft. Add sugar, flour and salt. Blend well. Add remaining ingredients except cherry pie filling. Mix briskly with a fork. Put in an 8 or 9-inch square pan. Bake 45 minutes at 350°F. Cool. Spread with pie filling and chill. Easy and delicious.

C.J. Musser
Myerstown

CHEESECAKE

Crust:
2 cups flour
2 sticks butter
2 tablespoons sugar

Mix and pat into the bottom of a 9x13-inch pan. Bake at 350°F. for 15 minutes. Cool.

Filling:
1 8-ounce package cream cheese
1 cup powdered sugar

Beat together until smooth. By hand, fold in an 8-ounce container of whipped topping. Spread on cooled crust. Top with favorite pie filling. Refrigerate.

Kathy Jessick
Elysburg

VANILLA ICE CREAM

2 cups sugar
8 tablespoons flour
Little salt
4 cups milk
2 quarts thin cream
4 tablespoons vanilla
4 eggs, slightly beaten

Combine sugar, flour, salt and egg. Mix well. Pour small amount of milk over egg mixture. Stir vigorously. Return to double boiler and cook until thick. Cool. Add cream and vanilla. Put in ice cream freezer and add remainder of milk.

Betty Biehl
Mertztown

AMAZING COCONUT PIE

2 cups milk
¾ cup granulated sugar
½ cup buttermilk baking mix
4 eggs
¼ cup butter
1½ teaspoons vanilla
1 cup flake coconut

Combine milk, sugar, baking mix, eggs, butter and vanilla in a blender container. Cover and blend on low speed for 3 minutes. Pour mixture into greased 9-inch pie pan. Let stand for 5 minutes, then sprinkle with coconut. Bake at 350°F. for 40 minutes. Serve warm or cool. Serves 6 to 7.

Note: Because this pie makes its own crust some people call it an impossible pie.

Sandy Sload
Lititz

PEPPERMINT ICE CREAM DESSERT

2 cups crushed vanilla wafers
¼ cup butter
¼ cup sugar
½ cup butter
2 squares unsweetened chocolate
2 cups confectioner's sugar
3 beaten egg yolks
3 beaten egg whites
½ gallon peppermint or mint chocolate chip ice cream

Mix crushed vanilla wafers, ¼ cup butter, and ¼ cup sugar together well. Spread over the bottom of a 9x13-inch pan. Reserve some crumbs for the top.

Melt ½ cup butter and chocolate; add beaten egg yolks and confectioner's sugar and cook together until slightly thickened. Remove from heat, gently fold in beaten egg whites. Spread over wafer crumbs. Cool until firm. Add ice cream. Sprinkle with reserved crumbs. Freeze.

Charlene Gingrich
Mercersburg

BUTTERFINGER DESSERT

1½ packages graham crackers, crushed
30 saltine crackers, crushed
1½ sticks melted butter
2 small packages instant vanilla pudding
2 cups milk
1 quart vanilla ice cream
2 cups whipped cream
4 Butterfinger candy bars

Combine cracker crumbs and butter. Press ¾ of mixture into 9x13-inch pan. Combine pudding and milk. Beat 1 minute; add ice cream. Beat until smooth. Pour over crumbs and refrigerate one hour (do not freeze.) Spread with whipped cream. Crush Butterfingers and add to remaining crumbs. Spread on top. An easy dessert.

Leah Peachey
Belleville

CREAM CHEESE AND PINEAPPLE SALAD

1 small package cream cheese
1 package lemon or lime gelatin
1 cup hot water

Mix with beater and cool. Add:

½ cup milk

1 can crushed pineapple
Chopped nuts or grated cheese or red cherries may also be added according to season and taste.

Linda Miller
New Smithville

LASAGNA ROLL-UPS

12 fluted lasagna noodles
2 tablespoons butter
¾ cup chopped onion
2 10-ounce packages frozen chopped spinach, thawed and drained
1½ cups shredded Mozzarella cheese
½ cup dairy sour cream
1 egg
¼ cup butter
¼ cup flour
1½ teaspoons instant bouillon
1/8 teaspoon pepper
1 cup light cream
1 cup milk
½ cup grated Parmesan cheese

Cook noodles according to directions. Cool in a large bowl of cold water. Saute onions in 2 tablespoons butter until tender. Combine spinach, cheese, sour cream and egg. Set aside. Melt ¼ cup butter in saucepan. Add flour, bouillon and pepper; stir in milk and cream. Boil and stir one minute. Remove noodles from water and pat dry. Spread about ¼ cup spinach mixture over each noodle. Roll up as a jelly roll. Spread a small amount of sauce on bottom of 2-quart baking dish. Place rolls in dish. Spoon remaining sauce over roll-ups. Sprinkle with Parmesan cheese. Bake at 350°F. for 30 to 35 minutes or until hot and bubbly. Note: I use fresh spinach. Blanch it about 2 minutes and chop.

Nancy Frey
New Holland

CHOCOLATE ICE CREAM

3 quarts milk
3 cups sugar
4 eggs, beaten
4 tablespoons cocoa
3 tablespoons flour
1 pint cream
3 tablespoons vanilla

Heat milk and sugar until almost boiling. Combine flour, eggs, cocoa and mix with 1 cup milk. Stir into the hot milk and continue stirring until it comes to a boil. Cool, then add vanilla and cream and freeze.

Naomi Esh
Myerstown

LEMON SPONGE PIE

4 tablespoons butter
3 cups sugar
Rind and juice of 2 lemons
6 cups milk (scalded)
9 eggs, separated
9 tablespoons flour
Pinch of salt

Mix egg yolks with sugar, flour and salt. Add lemon juice, rind, butter and milk. Fold in stiffly beaten egg whites. Pour into unbaked pie shell and bake at 425°F. for 15 minutes. Then reduce heat to 325°F. until done. Makes 4 large pies.

Mrs. Samuel T. Suarez
Rebersburg

KUGEL

½ pound fine noodles (very thin ones)
5 eggs
1 cup sugar
¼ pound butter, melted
1 pound cottage cheese (room temperature, small creamed curd)
½ pound or 8 ounces cream cheese (room temperature)
1 pint half and half cream
½ teaspoon vanilla

Beat together eggs and melted butter. Then add sugar, vanilla, cream cheese, cottage cheese and cream.

Put cottage cheese and cream cheese through a strainer or ricer. It will be easy to blend or mix. Cook noodles about 5 minutes or until tender and drain. Pour into glass or baking dish. Pour mixture on top of noodles and stir. Sprinkle with cinnamon. Preheat oven at 450°F. but bake at 350°F. for 1 hour or longer. Serve hot or cold.

Mrs. Denise Angstadt
Oley

PINEAPPLE CHEESE PIE

¾ cups evaporated milk
1 cup drained crushed pineapple
¼ cup sugar
½ teaspoon salt
1 beaten egg
¼ cup lemon-flavored gelatin
1 cup cream-style cottage cheese, sieved
1 baked 9-inch pie shell

Chill milk. Combine pineapple, sugar, salt and egg in heavy saucepan. Cook over low heat until thickened, stirring constantly. Remove from heat and add gelatin, stir until dissolved. Beat milk until thick and fluffy. Fold in the fruit mixture. Fold in cottage cheese. Chill 20 minutes. Put in pie shell and chill overnight.

Mrs. Kitty Wagner
Elizabethtown

PEANUT BUTTER ICE CREAM

1 pint heavy cream
1 pint light cream
¾ cup sugar
¾ cup smooth peanut butter
1 small bag M&M's candies

Pour heavy and light creams into cream can. Add sugar. Stir to dissolve sugar with plastic or wooden spoon. Heat peanut butter over hot water in a double boiler until it reaches a pouring consistency; add to cream. Stir until well mixed. When ice cream is processed, fold in candies.

CHEESE CAKE

2 8-ounce packages cream cheese
3 eggs
½ pint sour cream (1 cup)
¾ cup sugar
1 teaspoon vanilla

Beat together all ingredients and pour into a graham cracker crust. Use a large 9-inch pie tin. Use strawberry, blueberry or cherry pie filling for topping.

Mrs. Vera Scott
Cortland, N.Y.

CHEESECAKE

2 packages plain gelatin dissolved in 1 tablespoon cold water
1 cup granulated sugar
2 egg yolks, beaten
1 cup milk

Cook this mixture together for 2 to 3 minutes. Add a little lemon juice and vanilla. When you add lemon it will curdle. Soften 1 pound cream cheese. Add to cooked mixture. Beat 2 egg whites until stiff and whip one cup cream. Mix everything together and pour on top of graham cracker crust. Refrigerate.

Crust

15 finely ground graham crackers
½ cup melted butter
Mix together and press firmly in a 10x7-inch pan. Bake in a 300°F. oven for 20 minutes.

Rebecca Glick
Quarryville

CHERRY CREAM PIE

1½ cups sugar
¾ cup flour
¼ teaspoon salt
4 eggs, well beaten
1 quart milk, scalded
1 teaspoon vanilla
2 tablespoon butter

Combine first 4 ingredients. Add to milk slowly, stirring constantly. Cool over hot water until thick and smooth. Add flavoring. Pour into baked pastry shell or graham cracker crust. Cool. Top with thickened cherries.

Thickened Cherries

2 cups cherries
¾ cup water
½ cup sugar
2 tablespoons cornstarch
Combine and cook until thickened. Put on top of cream filling.

Marigold Allgyer
Morgantown

ICE CREAM FOR 4-QUART FREEZER

1½ quarts milk
1½ cups granulated sugar
2 eggs
1 cup brown sugar
1½ tablespoons clearjel or cornstarch

Heat milk, mix eggs, sugars and cornstarch. Slowly mix with milk until boiling, boil a little longer. Cool and pour into freezer can. When cool, add 1 pint cream or 1 can evaporated milk and ½ tablespoon vanilla. For 8-quart freezer, double ingredients.

Lydia K. Stoltzfus
Strasburg

EASY ICE CREAM

12 cups milk
4 eggs
½ teaspoon salt
2 teaspoons vanilla
3 cups sugar
2½ cups instant clearjel
3 to 4 cups cream

Mix milk, eggs, salt, and vanilla in a large bowl. Mix sugar and instant clearjel in a small bowl, then beat sugar mix gradually to liquid until well blended. Add cream and mix well. Chill, then freeze in 8-quart freezer. More delicious if fruit is added while freezing.

Lena Shirk
Ephrata

VELVETY CUSTARD PIE

4 slightly beaten eggs
½ cup sugar
¼ teaspoon salt
1 teaspoon vanilla

Slowly stir into this 2½ cups scalded milk. Pour at once into unbaked pastry shell. Bake at 475°F. for 5 minutes. Reduce heat to 425°F. and bake 30 minutes longer or until knife inserted halfway between center and edge comes out clean.

Annie K. Stoltzfus
Oxford

PEACH DESSERT

1 package vanilla pudding
1 package peach gelatin
2 cups water
1 small container whipped topping
Fruit (peaches)
Vanilla wafers

In pan, mix vanilla pudding (not instant), gelatin and water. Bring to a boil. Let set to cool; add whipped topping and fruit. Line pan with vanilla wafers and pour gelatin mixture into pan. Let set four hours. Cut and serve.

Leah Brubacker
Middleburg

DAIRY QUEEN ICE CREAM

Soak 2 envelopes unflavored gelatin in ½ cup cold water. Heat 4 cups whole milk until hot, but not boiling. Remove from heat. Add gelatin, 2 cups sugar, 2 teaspoons vanilla, 2 teaspoons salt, 3 cups cream.

Put in refrigerator to chill 5 to 6 hours before freezing. Makes 1 gallon.

Denise Wenger
Lititz

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Commercial ice cream making began in Baltimore in 1851, as milk dealer Jacob Fussell established the first wholesale ice cream business in the U.S....prompted as an outlet for his surplus cream.

Kid's KOrner

Animal Aides Offer Handicapped A Measure Of Independence

BY BORIS WEINTRAUB
National Geographic
News Service

NEW YORK — "Henry, light," Sue Strong says.

Instantly, Henry, Sue Strong's "partner, associate, companion who shares my apartment," leaps up and flicks on a light switch. Sue Strong is delighted.

"Good girl," she tells Henry — short for Henrietta — and allows her a swig of orange juice.

"Henry, tape," she says a few moments later. Again, Henry leaps up, plucks a cassette from a rack, takes it to a cassette player and inserts it in the proper manner. Again, Miss Strong praises her and gives her some juice.

To most people, these are simple tasks, hardly cause for notice, much less for praise or rewards. But to Sue Strong, who lives in a 12th-floor Manhattan apartment, Henry is the difference between a measure of independence and total reliance on others.

Tiny Capuchin Monkey

Sue Strong is a quadriplegic, and Henry is a tiny, curious, active, and exceedingly well-trained capuchin monkey.

Henry is one of eight such monkeys who have been placed as aides to quadriplegics in the eight years since Dr. M.J. Willard, then a postdoctoral student in behavioral psychology at Tufts-New England Medical Center in Boston, began experimenting with the idea of training monkeys to do useful tasks for people who have lost the use of their arms and legs.

It is not the only attempt to train animals to aid disabled human beings. Guide dogs for the blind have been in use since the early 19th century, but in recent years there have been a number of experiments to use dogs for something besides pets.

Many have moved from the experimental to the operational stage. For example, "hearing dogs" are placed with hearing-impaired people to alert them to everything from a knock at the door to a fire alarm.

One of the biggest programs is Canine Companions for Independence in Santa Rosa, Calif., which trains dogs to serve as aides for the physically disabled, the deaf, and the elderly. Its founder, Bonita Bergin, was working as a special education teacher 11 years ago when she was struck by the possibilities of training dogs to push switches, open refrigerators and fetch prepared sandwiches, push elevator buttons, pull wheelchairs, and perform a variety of other chores.

Poodles, Collies, Retrievers

"The dogs are taught 89 commands, and they can be combined to make more," says Janet Herring-Sherman, marketing director of the nonprofit organization. "Now we have our own breeding stock of German shepherds, golden retrievers, Labrador retrievers, poodles, and border collies, depending on the kind of work they are trained to do, and we place about 60 dogs a year, mostly in northern California."

So far as she knows, however, Dr. Willard, now affiliated with the Albert Einstein College of Medicine in the Bronx, is the first to train monkeys to help the disabled.

"I've met two people who had thought of the idea," she says, "but the technology to make the whole thing practical has only been around fairly recently."

That technology includes electric wheelchairs and chin-operated lasers, by means of which quadriplegics can tell their monkeys just which cassette,



Henry — Short for Henrietta — sets a plastic container of juice in a holder for Sue Strong, a quadriplegic for whom the capuchin monkey functions as an additional set of arms and legs. On command, Henry will place a straw in the bottle so that Miss Strong can drink from it while reading the magazine Henry has fetched and placed in a rack. Henry's reward for successfully performing a task is a sip of juice from a bottle of her own.

magazine, or book they want. But it also includes tiny backpacks that contain an electrical device operated by remote control. When a monkey misbehaves, the quadriplegic can activate the device to sound an unpleasant tone and deliver a mild shock.

"We don't motivate by punishment, because all the helping behavior is food-motivated," Dr. Willard emphasizes. "But we teach them that if they go up on that stereo or hang around the medicine cabinet, they're going to get that tone and that shock. It works; it's like

magic."

The problem, Dr. Willard says, is that, while it's not hard to train monkeys to do a given task, it's another matter to keep them from being actively destructive the rest of the time. Or, as Sue Strong says:

"You couldn't live in Versailles Palace and have a monkey. There's a certain degree of minor destruction with a monkey involved, just because they have hands. Henry's written on the wall a few times, broken a glass, things like that."

Not Everyone Qualified

The ability to tolerate such destruction is just one of a number of factors that determine whether quadriplegics are suitable for life with monkey aides. The candidates must be in reasonably stable health, cannot have small children, have to be willing to give their human attendants a break for a few hours without fear that something might go wrong. Dr. Willard estimates that only 5 to 10 percent of the nation's 90,000 quadriplegics qualify.

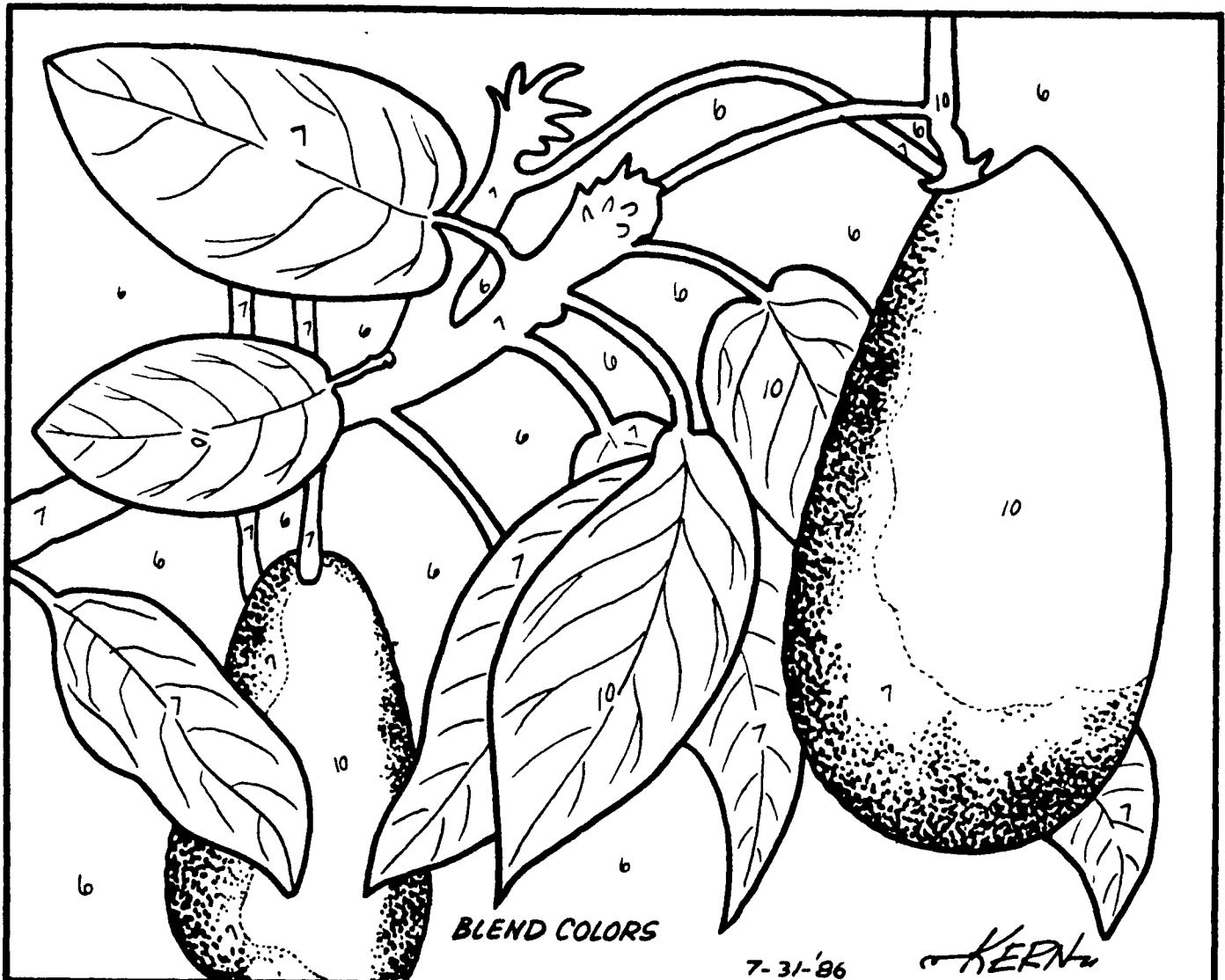
"I've concluded that it would be a mistake to approach someone

(Turn to Page B12)

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| 2. RED | 7. GREEN |
| 3. YELLOW | 8. LT. BROWN |
| 4. BLUE | 9. LT. BLUE |
| 5. BROWN | 10. LT. GREEN |

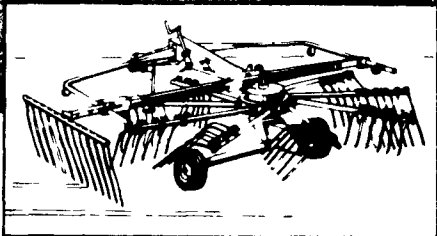
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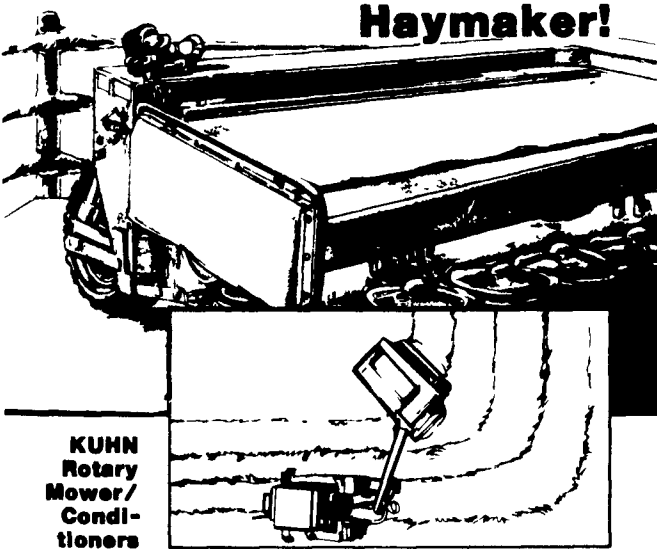
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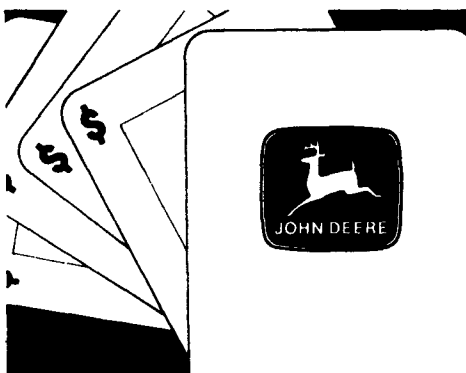
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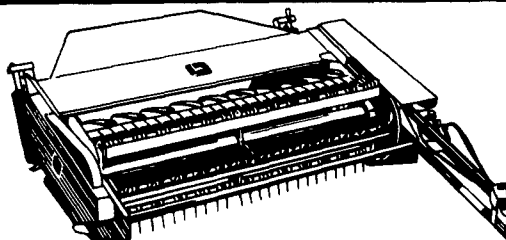


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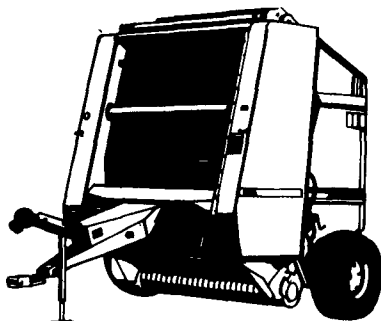
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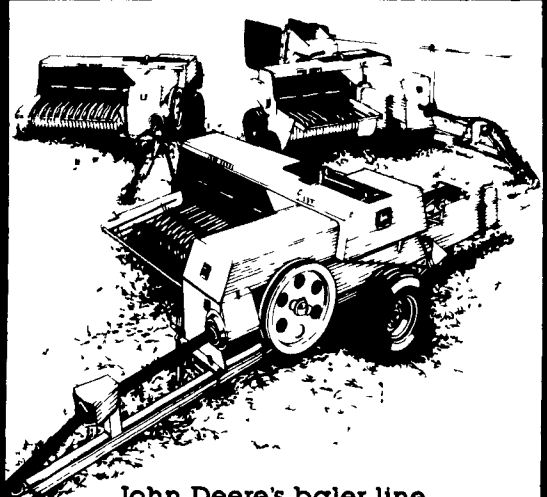
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Animal Aides

(Continued from Page B10)
within the first two years after their accident," Dr. Willard says. "At that stage, they are going through so many incredible adjustments that this would be considered just one more bad thing. After two years, they're living a stable life, and they know that, whether they're happy or unhappy, this is what their life is going to be like. They've made the adjustment; now this is something that promises to make things a little bit better."

Sue Strong, for example, had spent 11 years being cared for by human attendants before Henry came into her life. A 1971 van accident had left her without the use of her limbs. Today, she has only a slight range of movement in her right arm, with which she operates the controls on her wheelchair. When someone suggested a monkey as an aide, she laughed.

"Before Henry, I could be left alone for some periods of time, but it was a hardship, to say the least," she says. "I had to be stationed next to the telephone, and I could have a book to read, but we had to remember to do things like turn on the lights in case someone was out longer than expected. It took a lot of planning."

"The freedom Henry gives me is that we don't require as much planning. As long as someone can get me set up with whatever equipment I need, Henry can handle most of the variables. We've been alone together as long as eight hours, and we average six."

"She'll pick up anything I drop or that falls off my lap. Most of the things I do, I need a mouthstick to do them with; if I drop it and she's not here, that would cut off most of

my activity. So the difference she makes is I can eat, drink, and be merry when I feel like it. I can change my mind, do different things. It makes the idea of being home alone much closer to a pleasant idea than a form of imprisonment."

No Chance Of Biting

Dr. Willard's nonprofit group, Helping Hands: Simian Aides for the Disabled, now has its own breeding colony. Baby monkeys are placed in homes with volunteers who accustom them to living among humans. After 3½ years, when their teeth are extracted to avoid the possibility of their biting anyone, they are brought to Einstein College for six months of training. The first three "graduates" of the breeding program should be placed with quadriplegics in the next few months.

Dr. Willard says that with enough financial support — the research phase of the project has been aided by the Veterans Administration — she could eventually place as many as 100 monkeys a year. The experience of Sue Strong and the few others who already have monkeys suggests that over and above the specific tasks those monkeys perform, their companionship, entertaining quality, and the way they function as conversation starters make them invaluable partners.

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Wednesday, July 9
Lancaster Society 8 visits the Hans Herr House.

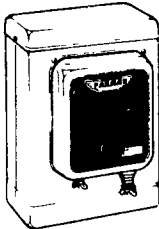
Thursday, July 10
Lancaster Society 14 holds a picnic, 6:30 p.m., Tinney Pavilion, Strasburg.

Lancaster Society 21 meets at Shultz Transportation behind Willow Street Diner at 8:45 a.m. for a mystery trip. Return at 4 p.m.

Friday, July 11
Lancaster Society 9 meets.

Saturday, July 12
Lancaster Society 6 meets at 2 p.m. at the Mt. Gretna home of Mr. and Mrs. E. Musser Heisey.

Lancaster Society 2 meets at Grace Miller's home.
Lancaster Society 10 meets at 148 Church Street.



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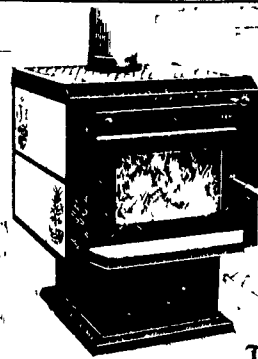
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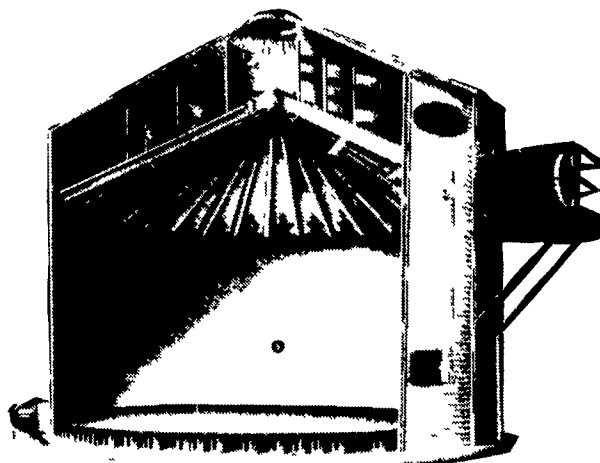
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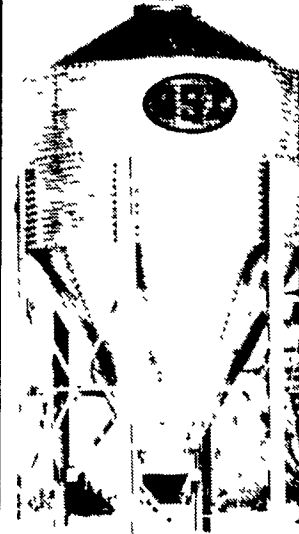
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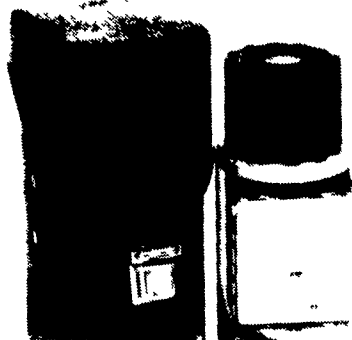
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York 4-H Demonstration, Speaking Contest

YORK — The York County 4-H Demonstration and Public Speaking contest was held June 19th, at the 4-H Center. Twenty-five 4-H members participated in this county event which en-

courages youth to develop leadership skills through a presentation to friends, family, peers and leaders.

High score in the junior division of the Animal Science Demon-

stration Category was Sarah Carlson of Dillsburg. In the Senior Division, Christa Shultz of Wellsville, and Kris Miller of York, tied for first place.

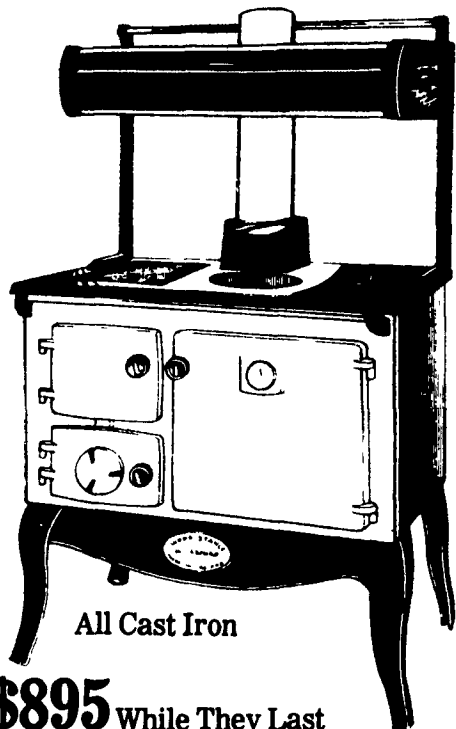
In the Foods and Nutrition Category, Jessica Price of Dover won in the junior division. In the General Category, Oona Horn of Dover, was the top scorer in the junior division and Jody Miller of Spring Grove won the senior division.

The Public Speaking Contest results were as follows. Julie Hughes of Hanover won a first in the junior division and Mike Lowe of Fawn Grove the first place in the

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Top placing individuals will have the opportunity to participate in the Regional Contest and then move on to the State Contest.

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Now You Can Blanch In Your Microwave

Summer vegetable harvests are just starting, and storing your garden's bounty in the freezer is easy. It's even easier when you blanch the vegetables in your microwave.

A study was completed last summer at Cornell University on microwave blanching. The study measured how effectively the microwave destroyed the enzyme activity, which is needed for proper blanching. The study also measured the vitamin C content of vegetables before blanching, and after both conventional and microwave blanching.

This study established a microwave blanching technique that effectively destroyed the enzymes. They also found that microwave blanching preserved more vitamin C in the vegetables than conventional blanching techniques.

I was delighted to see these positive results. An earlier study showed a greater vitamin loss during microwave blanching and poor texture in the frozen vegetables.

However, I have been blanching vegetables in my microwave for several years and have been pleased with the vegetables' quality. Microwave blanched vegetables have a garden fresh taste, beautiful color and firm, crisp texture.

But before you get all set to blanch in your microwave, I have some bad news for you. The Cornell study and the techniques they used were developed using a special plastic microwave freezer bag that is not yet available in the East.

This plastic bag is a new product that looks similar to the heavy zip-top freezer bags. It has a zipper closing in top, but the bottom of the bag is split into two pouches. This lets the bag stand upright easily for filling and microwaving. It was also designed for even microwave penetration of the food.

I checked with Dow Consumer Services recently and was told that their new bag is being test marketed in the Southwest and Western states, and will not be available here in the East this summer. It has been very successful so far, and the company expects it to be available here sometime next year.

Since those bags are not available yet in this area, I've been trying the Cornell blanching techniques with the heavy zip-top freezer bags, which are available here. So far, these have worked very well, but sometimes you have to prop up the bag.

Here's a summary of the Cornell Blanching process, with minor changes made to adapt to the freezer bag shape. I've used the heavy zip-top freezer storage bags. My results have been good, though I cannot measure the enzyme activity or vitamin content. If you use thinner freezer bags, the plastic may melt from the heat of

the steam and vegetables during blanching.

If you do not want to use the plastic bags, vegetables may be blanched in a covered casserole. Chill in ice water and package as desired. Soaking the vegetables directly in the water will lead to greater vitamin loss than immersing the bags.

Microwave Blanching:

1. Wash good quality fresh vegetables and trim to a uniform size. Cut beans, broccoli, cauliflower, etc. into 1½ to 2-inch pieces. Slice carrots, summer squashes, parsnips, etc. into ¼-inch slices. For cubed vegetables, cut into ¾-inch cubes.

2. Fold zipper neck of heavy plastic freezer bags down to form a one inch cuff, to make the bag easier to fill. Use either pint or quart size, depending on quantity desired.

3. Fill bags with vegetables to about ¾ full. Add 2 to 3 tablespoons water to a pint-size bag or 4 to 5 tablespoons water to a quart-size bag. Use smaller amount for juicy vegetables, and larger amount for drier or tougher root vegetables like carrots and for green beans.

4. Unfold cuff and seal top of bag leaving a 1-inch opening for a vent. Spread vegetables out in as thin a layer in the bag as possible to ensure even cooking. If necessary, prop opening of bag up a little so water or vegetables don't leak out.

Microwave on high, one bag at a time. For quart bags, rearrange vegetables in bag (shake it) once halfway through. For most vegetables, microwave blanching time will be: pint bags: 2 to 3 minutes and quart bags: 4 to 5 minutes. Spinach and greens need less time, about 1 minute for pints and 1½ minutes for quarts. Corn kernels, cauliflower and green beans may need a little longer: 4 minutes for pints and 6 minutes for quarts.

Vegetables are blanched when the color becomes uniformly brighter and the texture is softer. A temperature probe can make blanching more accurate: Insert probe in bag through vent and microwave on high to 190°F.

5. Use potholders or oven mitt and remove bag from microwave. Put tag into container of ice water, up to neck. Don't let the water get into bag. The bag will be very soft and limp when hot and will stiffen in the ice water. When thoroughly cooled, remove bag from water, press out air, seal top and freeze.

The Dow Company has printed a pamphlet on this microwave blanching technique which contains instructions and a chart giving more exact blanching times for each vegetable. For your free copy, write to: "Blanching Brochure," Dow Consumer Products, Inc., P.O. Box 68511, Indianapolis, In. 46268.

NOTE: The blanching times above are for 600 to 700 watt microwave ovens. If your oven has 500 to 600 W, add 10 seconds to each minute; for 400 to 500 W, add 20 seconds to each minute.

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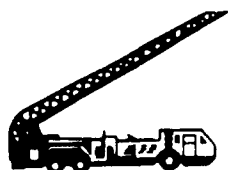
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Celebrate Ice Cream Month With Sundaes

Ice cream is a favorite in most households and since July is Ice Cream Month, we're offering some serving suggestions for this tasty treat.

The choices for stocking the freezer with this creamy product are greater than ever this summer. A wide array of exciting flavors and ice cream novelties are available in your local grocery store, and you'll want to have at least a few on hand throughout the summer. It's a good idea to stock a variety of toppings to create your own ice cream concoctions as well.

One of the newest ideas in ice cream circles is to custom-blend ice cream with a selection of candies. For a home version, you can create a Chocolate Candy Lovers Sundae. The sundae is made with vanilla ice cream and a thick chocolate sauce which combines semi-sweet chocolate pieces, honey, whipping cream and sour cream. Serve the sauce warm or cold and let each person add a sprinkling of one or more favorite chocolate confections, from chopped chocolate-covered toffee to chopped peanut butter cups.

For those of you who prefer to make your own ice cream, some of the recipes below feature favorite ingredients such as bananas, marshmallows, crunchy peanut brittle, sweet chocolate and fresh fruit, opening new taste opportunities in the homemade category.

CHOCOLATE CANDY LOVERS SUNDAE

Sauce:

- 1 cup semi-sweet chocolate pieces
- ½ cup honey
- 2 tablespoons whipping cream
- 1 cup dairy sour cream
- 1 teaspoon vanilla extract

- 1 quart vanilla ice cream
- Chopped peanut butter cups
- Chopped chocolate-covered toffee
- Chopped caramel nougat peanut bars
- Chopped crispy rice chocolate bars
- Whipped cream

For sauce: combine chocolate pieces, honey and whipping cream in small heavy saucepan. Heat over low heat, stirring constantly, until chocolate is melted. Remove from heat, stir in sour cream and vanilla until well combined. Meanwhile, scoop ice cream into 4 dishes. Serve sauce warm or cold. Let each person sprinkle candy over sauce. Top each sundae with whipped cream if desired.

CRUNCHY PEANUT BRITTLE ICE CREAM

- 1 quart milk
- 6 egg yolks, beaten
- 1 cup sugar
- ¼ teaspoon salt
- 3 cups whipping cream
- 2 tablespoons vanilla extract
- 2 cups crushed peanut brittle

Combine milk, egg yolks, sugar and salt in a 3-quart heavy saucepan; blend thoroughly. Cook over medium heat, stirring constantly, until mixture coats a spoon (about 15 minutes). Do not boil. Cool. Add cream and vanilla. Stir in 1 cup peanut brittle. Chill 1 to 2 hours. Churn-freeze. After freezing, before ripening, stir in remaining 1 cup peanut brittle.

TRI-COLOR SUNDAE

- 1 pint mint chocolate chip ice cream
- 1 pint vanilla ice cream
- 1 pint chocolate ice cream
- White creme de menthe
- Whipped cream
- Thin butter cookies
- Green colored sugar

Layer ice creams in four tall, thin glasses, forming 2 layers of each. Drizzle creme de menthe over top and down sides. Top with whipped cream, cookie and colored sugar.



Create a sundae for candy lovers with vanilla ice cream, chocolate sauce and chopped chocolate-covered candies.

PEACH MELBA SUNDAE

Sauce:

- 1 10-ounce package frozen raspberries in juice, thawed
- 1 tablespoon cornstarch
- 2 tablespoons fresh lemon juice
- 1 quart peach ice cream
- Whipped cream
- Chocolate-covered almonds, chopped

For sauce: drain raspberries, reserving liquid. Add water to liquid to make 1 cup. Combine raspberry liquid and cornstarch in small saucepan. Heat to boiling, stirring frequently, until thickened.

Cook 2 additional minutes, stirring occasionally. Stir in lemon juice. Carefully fold in raspberries. Refrigerate, covered, until well chilled. Scoop ice cream into dishes. Spread sauce over each. Top with whipped cream and almonds.

NECTARINE ICE CREAM

- 3 cups mashed nectarines
- 1 tablespoon fresh lemon juice
- Sugar
- 1 quart milk
- 3 cups whipping cream
- 1½ cups sugar
- 1 teaspoon vanilla extract
- ¼ teaspoon almond extract
- ¼ teaspoon salt
- 2 to 3 drops red food color, if desired

Combine nectarines, lemon juice and sugar. Combine milk, whipping cream, 1½ cups sugar, vanilla and almond extracts and salt in a large bowl. Add nectarines to mixture. Stir in food color, if desired. Chill 1 to 2 hours. Churn-freeze.

CHOCOLATE-PEANUT LOVERS SUNDAE

- Chocolate ice cream
- 1 10-ounce package peanut brittle, finely crushed
- ½ cup pure maple syrup
- ¼ cup creamy peanut butter
- Maraschino cherries with stems

Roll 6 large scoops of chocolate ice cream in peanut brittle. Place on waxed-paper-covered baking sheet and return to freezer several hours or overnight. When ready to serve, beat maple syrup and peanut butter until fluffy. Place 1 scoop of ice cream in each sundae glass. Spoon sauce over each. Top with a cherry. Serve immediately.

MELLOW BANANA-MARSHMALLOW ICE CREAM

- 3 cups milk
- 1 10-ounce package large marshmallows
- 2 cups pureed ripe bananas
- 1 tablespoon fresh lemon juice
- 3 eggs
- 1½ cups sugar
- 3 cups whipping cream
- 1 tablespoon vanilla extract
- ¼ teaspoon salt
- 1 cup chopped maraschino cherries, optional

Heat milk and marshmallows in a 3-quart saucepan, stirring constantly, until marshmallows are melted. Cool. Combine banana puree and lemon juice. Beat eggs until foamy in a large mixing bowl. Gradually add sugar; beat until thickened. Add cream, vanilla and salt; mix thoroughly. Blend in marshmallow mixture, bananas and maraschino cherries. Chill. Churn-freeze.

Yield: 1 gallon.

DOUBLE DATE NUT SUNDAES

- 1 3-ounce package cream cheese, softened
- 2 tablespoons confectioners' sugar
- 1 teaspoon vanilla
- 12 thin slices date nut bread (small loaf)
- 1 cup butterscotch flavored topping
- ½ cup chopped nuts
- ½ cup chopped dates
- Vanilla ice cream
- Sweetened whipped cream

Beat cream cheese, sugar and vanilla in a small mixing bowl until light and fluffy. Spread on 6 slices of bread. Cover with second slice of bread. Cut each "sandwich" into 4 small triangles. Combine butterscotch topping, nuts and dates. To serve, place 3 triangles of date nut sandwiches in bottom of each shallow dish or compote. Top with large scoop of vanilla ice cream. Pour topping over ice cream. Top with a dollop of whipped cream. Place remaining date nut triangle in center of whipped cream. Serve immediately.

Children ages 2-17 and adults age 45 and older eat the most ice cream per person.

Eighty percent of all ice cream eaten at home is consumed in the evenings; either with dinner or as an evening snack.

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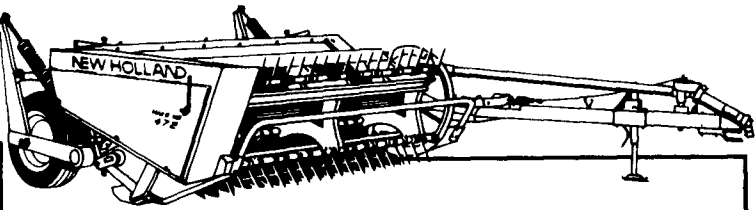
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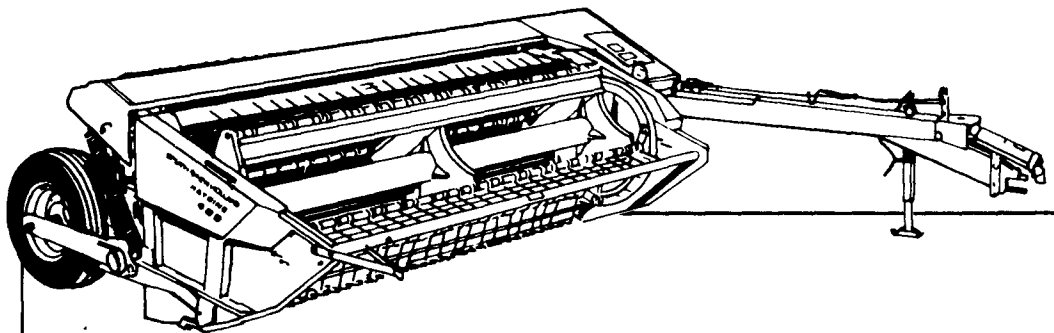
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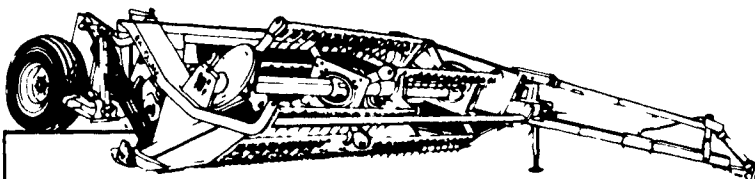
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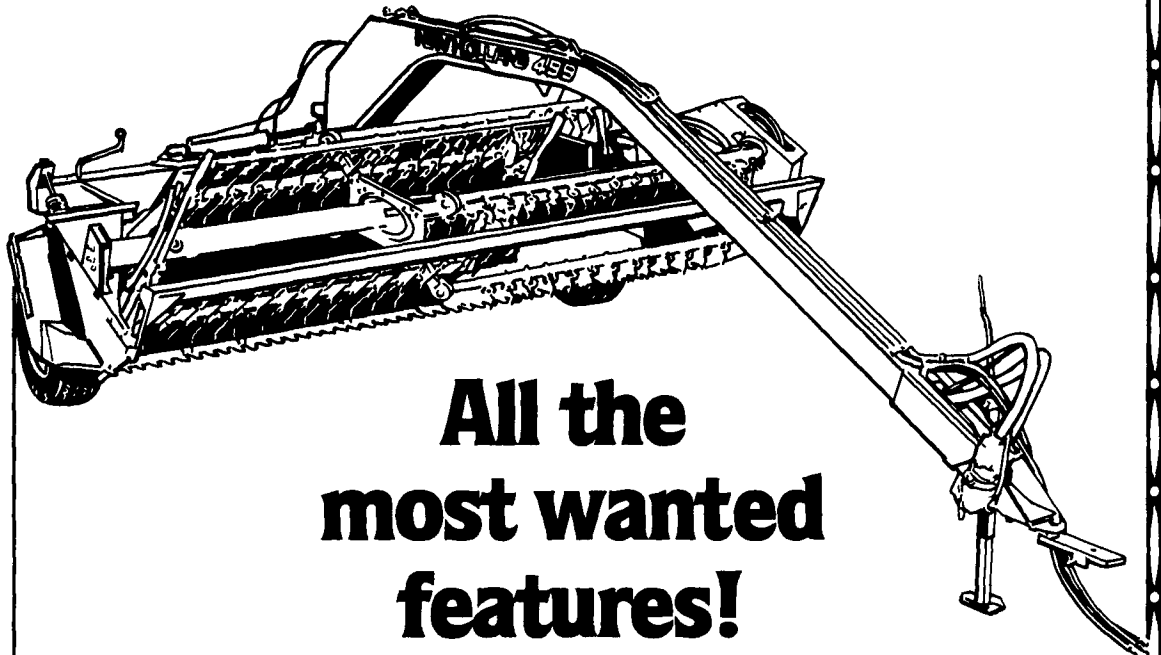
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Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Now is the Time To Enjoy Snap Beans

Green beans are believed to have originated in Central America. Historians tell us that Christopher Columbus and other early explorers found native American Indians enjoying green beans. After the explorers returned home, bean cultivation spread around the globe.

Green beans today are known as snap beans because their pods literally snap when the ends are broken off. Formerly called string beans, research teams have hybridized them and now they no longer have any strings.

Snap beans are one vegetable most people can grow easily and in abundance. If you planted more than your family can eat during the growing season, preserve them for fall and winter use. For best quality, pods should be harvested when tender and snap readily; they should be canned or frozen the same day they are harvested.

Regardless of the method of food preservation you are going to use, wash the beans well in several changes of water. Lift them from the water so that the dirt already

washed off will not be redeposited on the beans. Trim or break the ends from the beans and cut or break them into pieces.

How To Can Snap Beans

An average of .14 pounds is needed per canner load of quarts; an average of 9 pounds is needed per canner load of pints. Snap beans may be raw or hot packed. However, hot pack is preferred. Cover beans with boiling water and boil 5 minutes. Pack hot beans into clean jars to within 1 inch of the top. Process in pressure canner at 10 pounds pressure — 20 minutes for pints and 25 minutes for quarts.

How to Freeze Snap Beans

Cut in one-inch lengths or French style. Blanch small beans in boiling water for 2 minutes and large beans 3 minutes. Place in ice water for 3 minutes. Drain well. Pack in moisture-vapor-proof box or jar. Seal. Label with name of product and date prepared. Freeze.

For best results never freeze more than two to three pounds of any food per cubic foot of your freezer at one time.

Fresh snap beans can be stored

unwashed in a perforated plastic bag in your refrigerator. You can keep them from two to three days without any noticeable loss of quality.

Do not overcook fresh snap beans. I prefer to steam my snap beans. Place three-fourth to one-inch of water in a pan. Bring to a boil. Place snap beans in a steamer. Cover the pan and steam until they are tender crisp. This will take about five minutes for average size beans. Larger ones will require a longer cooking time and smaller ones a shorter time.

If you have a microwave oven, you can cook one-half pound of snap beans in a covered one and one-half quart casserole with one-half cup of water on high setting.

Cooking time will vary from four to eight minutes depending on size of beans. Allow them to stand one to

two minutes after removing from your microwave. Season with your favorite seasoning and serve immediately.

York Co. 4-H Strawberry Roundup

Mike Kann, a 17-year-old 4-H'er from Spring Grove, topped five competitors to capture first prize in the York County 4-H Strawberry Roundup June 4 at the 4-H Center.

A member of the Jefferson 4-H Club, Mike said he thinks lots of manure and diligent watering while it was dry helped make his berries the best in York County.

His berries, along with other blue ribbon winners, were sold during

an auction in York's downtown lunch review on Cherry Lane. Blain Rentzel auctioneered during the event.

Other blue ribbon winners were reserve champion, Steve Wherley, Brodbeck; Bradley Trowbridge, Spring Grove; and Jeffrey Douglas, Delta.

Red ribbon winners included Kerrie Kilgore, Delta, and Joseph Caudill, Airville.

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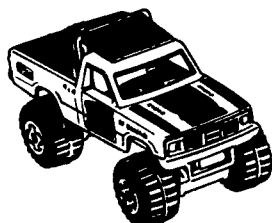


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Farm Women Societies

Lancaster Society 5

Lancaster Society 5 met recently at the home of Edith Longenecker. Paul Zook, a Manheim ambulance driver, provided the safety program. He told the group what to

have ready when medics arrive in order to save time.

The next meeting will be a picnic at the home of Betty Ruhl in Manheim. The society is planning a bus trip to the shore in August.

Lancaster Society 10

Members of Lancaster Society 10 met June 10 at the General Hospital for a day of sewing. Seven members made 64 new items.

Following the sewing, members went to the home of Kathy Scott in Conestoga. Lusy Miller was co-hostess.

The Society is planning a bus trip to Raystown Lake in October. President Nancy Starr announced that the county picnic will be held Aug. 5 at the Hoffman Building in Quarryville.

Members were also reminded of the state project, which can be anything made from Pennsylvania products. Projects will be judged in individual societies, then in the county and state.

A Conestoga Lawn Fair will be held Aug. 23. Food, plants, white elephants, but no clothing will be welcomed. Delivery is requested before noon.

Lancaster Society 11

Members of Lancaster Society 11 met June 26 for a picnic at Hufnagle Park in Quarryville with members of Society 8, county

officers and one state board officer as guests. Several birthdays were recognized.

Margaret Swarr provided

several games for entertainment.

The next meeting will be held at the home of Dorothy Adsitt on July 31.

Lancaster Society 22

Tin punching was the topic of the June meeting of Lancaster Society 22. The group learned the craft from fellow society member Bonnie Rohrer. Members practiced the craft on pie plates which they took home.

Member Sally Bair talked about her experiences as a member of the board of the Hempfield School District. She pointed out that while the board members carry out local school policy, their authority actually comes from the state, which sets policy for education. She encouraged members to become informed about their own school districts.

The Society presented a \$500 educational scholarship to Mark Young, a 1986 graduate of Conestoga Valley High School, who will study at the Berks Campus of Penn State University. Young is the son of Mr. and Mrs. Russell Young, 2463 Horseshoe Road, Lancaster.

In July, the Society will travel to the Three Little Bakers Dinner Theatre to celebrate its 35th anniversary as a society. Hostess for the meeting was Sherry Eshelman; co-hostess was Sally Bair. The August meeting will be held at the home of Elinor Rudy; it will be a food auction.

Lancaster Society 24

Lancaster Society 24 met June 17 at the Conestoga Church of the Brethren to entertain Society 21 and county officers.

Mrs. Ralph Good talked about goblets. Lois Erb led devotions. Vice president Carolyn Groff presided at the meeting.

Refreshments were served by the food committee.

The next meeting will be July 29 at the home of Mrs. Leo Snader, Leola.

Lancaster Society 26

Lancaster Society 26 celebrated its 20th anniversary June 22. Husbands joined society members for church services at Founders Hall and had brunch at Hotel Hershey.

The program was a reflection of the past 20 years by past presidents.

The next meeting will be Aug. 28 when the group will entertain society 23 at the Wenger Clinic at 6:30 p.m.

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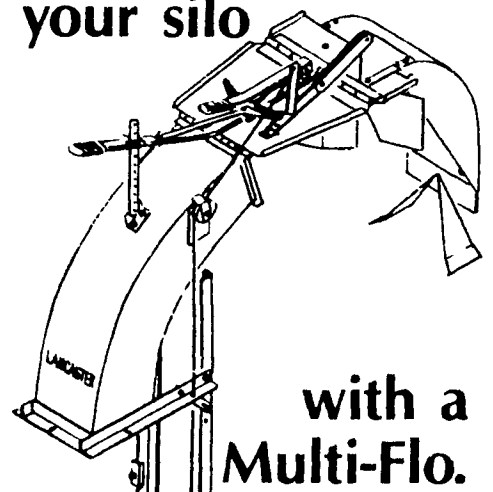
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The University Creamery: THE Place To Go For Fresh Ice Cream

BY SALLY BAIR

Lancaster Co. Correspondent
UNIVERSITY PARK — The University Creamery is a fixture on the campus of The Pennsylvania State University. It has a reputation for having the finest ice cream around, and is THE place to go when visiting Penn State.

Ray Binkley, manager for The Creamery, says it is second only to the football team in popularity among alumni and students.

It is fitting that July Ice Cream Month finds The Creamery instituting two new features — real, old-fashioned milkshakes and ice cream sundaes.

Binkley says the new items are being offered in an attempt to increase the volume sold through the retail store. Store hours have also been expanded until 10 p.m., a change that has already had an impact on the amount of ice cream sold.

One of the reasons which necessitates adding longer hours and other innovations is a drop in milk consumption within the University. Binkley says, "Kids are drinking less milk because they are offered more choices by the Food Services Department." For instance, he said they now consume 5,000 gallons of orange juice a week, a drink with free flowing dispensers available at each meal, right next to the milk and soft drink dispensers.

But it is ice cream that one thinks of when the word Creamery is mentioned. What makes the ice cream so special? Binkley doesn't even need to think about it. "Everything is fresh, and it takes

just four days from the cow to the store." Furthermore, 99 percent of the ingredients are real, including flavorings, adding up to a real treat. The ice cream tests 14.1 percent fat, 10.5 percent solids not-fat, 16.7 percent sugar, 0.25 percent stabilizer and 41.55 percent total solids.

Binkley says that the creamery is one of the "largest ice cream dipping stores in the country," and notes that on a football weekend, they will dip 6,000 cones in one day. The next largest time of the year, according to a tour guide, is during the summer Arts Festival in July, when they dip 30,000 ice cream cones in a three-day period.

On a big weekend, it is not just dipping ice cream that keeps Creamery personnel busy. Binkley says they use two tons of dry ice when there is a home game to pack ice cream and other products to be taken home by alumni eager to keep that good taste as long as possible.

He noted, however, that buying patterns have changed in the last five years. Before interest rates climbed, loyal alumni would buy several hundred dollars worth of ice cream and cheeses to take home to friends and neighbors. Now, he says, the largest orders may be for just \$100 worth of products.

On football weekends, Binkley says, "We have unbelievable crowds and they have a lot of patience."

To prepare for these big weekends, Binkley tries to have a week's supply of ice cream ready. He laughs, "Ours never gets a

chance to get old."

Ice cream is not processed every day. The first step in the process is to make condensed milk to be used in the ice cream mix. On the second day the mix itself is prepared and allowed to set overnight. On the third and fourth day ice cream is processed, up to ten flavors a day, and on the fifth day the equipment is thoroughly cleaned. Milk processing is done one day a week in the summer, and four days a week in the winter.

Visitors to campus may be disappointed not to find their favorite flavor among those being offered on a given day. Without apology Binkley states, "I decide what to make. I try to listen to customers. I try to keep to the basics, but I get criticized." The most popular flavors are vanilla, chocolate, strawberry, butter pecan, bittersweet mint, variegated chocolate, and variegated peanut butter.

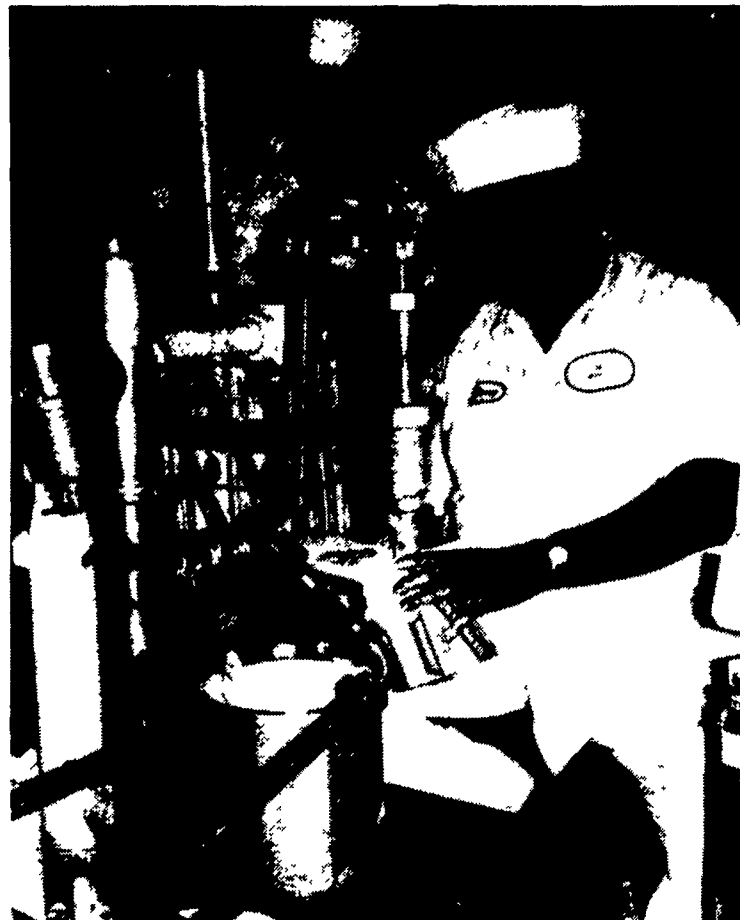
He mentions that there are regional favorites around the country, but one very popular flavor at the University is butter pecan. One reason may be that they use large, fancy pecan halves which are coated with real butter. A second reason could be that he puts in double weight, or 12 percent pecans, much more than most dairies. Butter Pecan happens to be a favorite of football coach Joe Paterno, who also favors peach.

New flavors appear from time to time, according to flavors available. "We use only the best, and go basically on past experience and on requests of people," Binkley says. Lemon chiffon is "one of the best we've ever made," according to Binkley. Another new flavor is brownie fudge nut, which he calls "delicious."

Two recent additions which have become classics are Cherry Quist, named for retired professor John Almquist, a world renowned breeding expert, and Keeney Beany, named for Phil Keeney, when he retired as head of the department.

Part of Binkley's job is tasting all these wonderful flavors. He says, "I like ice cream, and I taste it all." Nevertheless, he says that on his present eating pattern he eats sweets just every fourth day, so he has cut down his ice cream consumption. He is hard pressed to come up with a favorite, pleading, "I never thought about it. I really can't say." Well, being surrounded daily by gallons of delicious ice cream must be somewhat overwhelming.

Although it is too soon to really know what the response will be to the new items, Binkley happily noted that 130 milkshakes were made on the first day. These shakes were made the "old-fashioned way," according to Binkley, with ice cream and milk.



Filling the familiar blue and white boxes, this University employee is skilled at adding just the right amount of ice cream.

There is almost no resemblance between a Creamery milkshake and the fast food variety. "We knew they would be popular," Binkley says happily.

The sundaes will be carry out, and Binkley says he already foresees a shortage of tables for those wishing to eat theirs on the premises. A wide variety of sundaes will be available.

The Creamery has always maintained a policy of one size and one flavor cones, but they now have a half size cone for kindergarten through second graders.

Milk for this operation comes from the University herd of 150 cows, which supplies about half the need. Since the need for dairy products increased dramatically during the school year, milk is purchased from another herd in the area.

Just this year the University herd became a member of Interstate Milk Producers Cooperative under an arrangement which allows it to use all its own milk. It will be easier, however, to maintain a steady supply, and now they will not need to produce as much cheese just to keep up with their milk supply. Binkley said, "I'll just order what I need."

Binkley notes, "When the University was the Farmers High School, they produced milk for the whole town, an arrangement that continued until 1958, when they got out of the 'town' business.

He adds that despite their reputation for quality ice cream,

milk is still the biggest product processed by volume, followed by cheese.

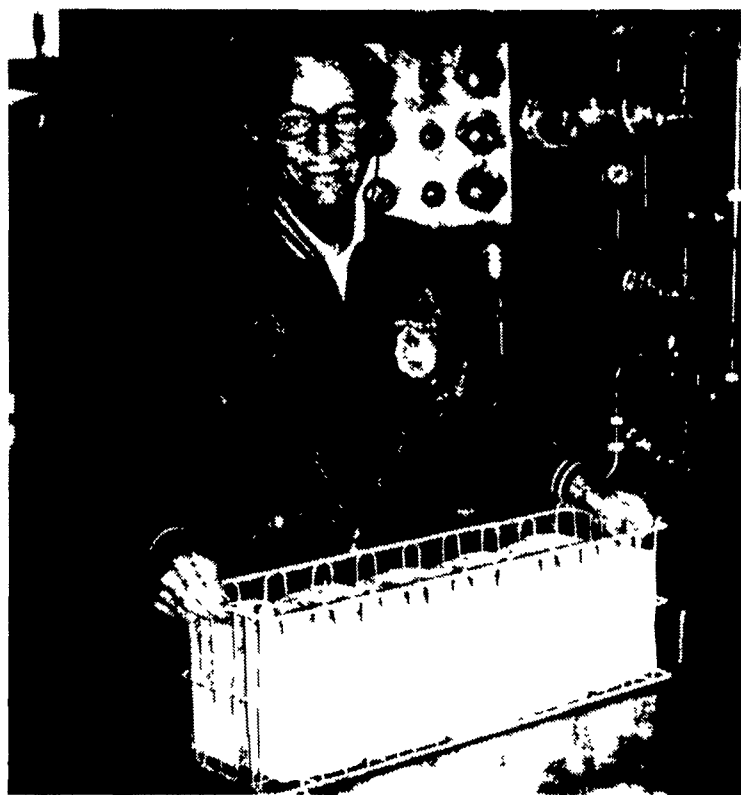
Binkley is himself a 1955 graduate of dairy science at Penn State and has spent his career working in the dairy industry as a cheesemaker and ice cream maker. When he attended Penn State he worked in the processing plant as part of his course work. Over the years this was dropped, and he said, "In the last 20 to 25 years there has been very little interaction between students and the Creamery. We are now reversing that and it makes me very happy. We will become a teaching dairy and are bringing back some courses in which students will work here."

He added, "The industry is screaming for it. It will cause some problems, but it makes us happy." The change in direction is being led by the new department head, Dr. Lowell Satterlee.

The Creamery is a self-sustaining enterprise and receives no funds from taxpayers. It follows all federal and state regulations and uses money from the sale of its products to pay salaries and expenses in operating the processing plant.

Last year during the holiday season, the University offered gift boxes of cheese to University personnel in another attempt to increase its volume, the only avenue for raising more money.

July may be Ice Cream Month, but at The University Creamery, ice cream is always Number One.



Ray Binkley, manager of the University Creamery, holds a basket of ice cream ready to be frozen and held in the freezer before moving on to the retail store.



These three 4-H'ers took advantage of their visit to Penn State and stopped at the Creamery to enjoy ice cream cones. From left they are: Heather Leiby, Schuylkill County; Cheryl Ferguson, Mercer County; and Kathi Smith, Huntingdon County.

A 4-H'ers' View Of The Creamery

Editor's Note: The following news item was written by Karen Myers, a 15-year-old 4-H'er from Washington Boro in Lancaster County. It was published in the "Congress Times '86," a newsletter published by participants in Leadership Congress. For more on Leadership Congress, turn to page B20.

"Hey! Do you want to go to the Creamery?" These words could be heard all over the Penn State campus from 4-H'ers during the 1986 Leadership Congress.

From the no-fuss "vanilla" to the wild "watermelon sherbet," the Creamery offers a wide variety of ice cream flavors. The menu also recently added milkshakes. With seven different flavors to choose from, this is also a popular treat. Not only does the Creamery offer ice cream, but they also sell various dairy products and snacks.

The first time I was invited to join a group at the Creamery, I figured it would be just another chic college hangout for bored kids. Once I was there, however, I discovered that this place was different. I saw kids laughing, having fun and best of all, making new friends. The Creamery is the place to go when you are feeling up, or down, or basically normal. The Creamery certainly is a part of Penn State Proud.

Jill Minor Continues Family Tradition as Washington/Greene Dairy Princess



1986-87 Washington/Greene County Dairy Princess receives congratulations from her parents, Sam, past Pennsylvania Holstein president, and mom, Bev, who was the 1959 Pennsylvania Dairy Princess.

BY BARBARA RADER

Butler County Correspondent
WASHINGTON — Jill Minor, the 19-year-old daughter of Sam and Bev Minor, was crowned Washington/Greene County Dairy Princess June 21, carrying on a family tradition of 27 years.

Jill is the fourth member of the Minor family to wear the coveted crown. Her mother was the 1959 Pennsylvania Dairy Princess. Beverly is also one of the state's dairy promotion coordinators and has been an active dairy industry promoter.

Jill's sister, Marcia, was the 1982 alternate county princess, while a foster sister, Rachel Sherman, was the 1983 county princess and first runner up in the state pageant.

A student at Penn State majoring in early childhood education, Jill is a member of the Penn State Dairy Science Club, Circle K Service Club and Penn State Athletics in Action. And, because of her special interest in children, Jill is a staff member at the college's Human Development Day Care Center.

A past 4-H member, Jill has completed projects in dairy, market hogs and sheep, and is an active Jersey breeder and a member of the association.

Jill is a graduate of Canon-McMillan High School. She helps with the family's farm and works at the Springhouse.

Alternate princesses are Kelle A. Kovalan, the 17-year-old daughter of Danny and Mimi Kovalan, Claysville, and Joyce Pettit, the 19-year-old daughter of Mr. and Mrs. James Pettit of Holbrook.

Kelle will be a senior this fall at McGuffey High School and is active in chorus and cheerleading. She is an active Jersey member and is a member of the Dairy Science Club and West Alexander Ag 4-H Club.

Joyce, a graduate of West Greene High School, is employed by Vandruft Tractor Sales in Waynesburg. Volleyball and badminton are among her favorite sports and she enjoys working on the family's Holstein dairy farm.

Master of ceremonies was Rep. Roger Raymond Fish. Judges were Merrie Lou McMurray, an assistant director for Vogue Modeling in Pittsburgh; Janice Derr, a Westmoreland County dairy farm wife; and Susan Calabra, a language teacher and manager of Avanti Hair, Washington.

An all-you-can-eat strawberry and ice cream festival concluded the evening.

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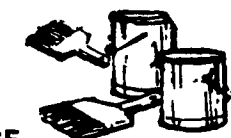


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Red Rose Alliance To Hold Craft Bazaar

LANCASTER — The Red Rose Alliance will sponsor a "Pennsylvania Dutch Days Bazaar" to be held at the East Towne Mall, Route 30, Lancaster on July 17 to 19.

Anyone interested in participating should contact Teresa Diem, R.D. 2, East Earl, at (717) 354-0219, or Maryann Oestreich,

R.D. 2, Narvon, at (717) 354-7527.

Come and enjoy watching a variety of crafts being made and see the beautiful Dresden Plate quilt to be raffled on July 19.

The Alliance was formed in 1981 to oppose the placement of a hazardous waste dump at the Narvon Mine, and to educate the public to alternatives to landfilling.

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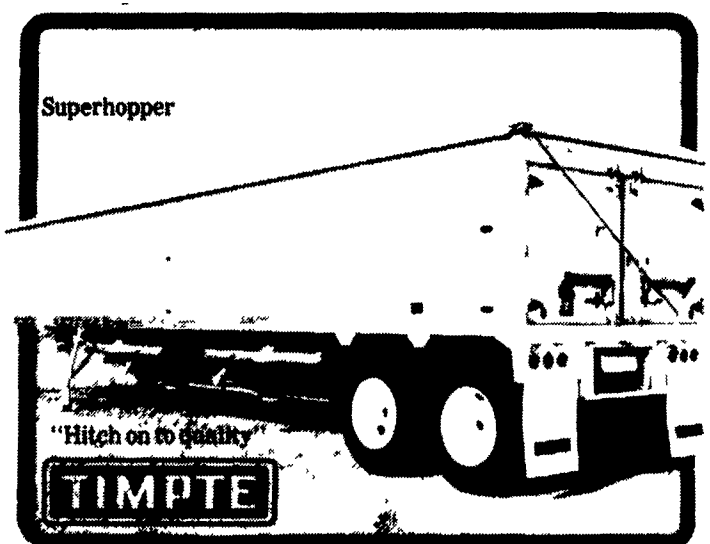


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Pennsylvania 4-H'ers Develop Leadership Skills At Four-Day Conference

BY MARY MAXWELL

Centre County Correspondent

UNIVERSITY PARK — 4-H teenagers at last week's Pennsylvania 4-H Leadership Congress developed skills that will expand their leadership roles in local county councils. Groups of 15 to 18 year olds met regularly during the four-day conference to learn journalism, photography or public speaking skills.

Those in the Teen Leader Congress prepared a newspaper similar to the newspapers local 4-H

councils publish for 4-H leaders and members. This group, under an editor they elected, wrote stories, discussed layout or drew illustrations. Some had the opportunity for the first time to use a computer to transcribe their stories.

Other teens prepared a visual newsletter. In doing so, they practiced their photography skills, learning to take better pictures for their local clubs' scrapbooks, slide shows and hometown newspapers.

The third group, 4-H Ambassadors, attended workshops on

telling the 4-H story through public oral presentations. They will use their speaking skills to promote 4-H in their home communities.

About 600 people attended the Leadership Congress held on the Penn State campus. Most were teenagers between the ages of 13 and 18, but State 4-H staff members, Extension agents, 4-H leaders and Collegiate 4-H club members also attended. Most counties in Pennsylvania were represented.

In addition to the communication

workshops, the older teens could choose workshops in Day Camp leadership or the 4-H Leadership School. Younger teens (ages 13 to 15) attended workshops on friendships, peer pressure, looking good, and boy-girl relationships. All those participating had time to explore the Penn State campus, as well as attend the 4-H assemblies in Eisenhower Auditorium.

Each workshop group elected members to plan next summer's Leadership Congress. These are: Leadership School - Dan Vand-

zura, Mifflin County, and Margee Wolff, Westmoreland; Day Camp - Mike Reiner, North Umberland, and Tammy Orner, Cumberland; Storytellers - Ann Grubin, Lebanon; Mark Price, Berks; and Janet Carney, Montgomery.

Six younger teens were also elected by the Teen-U-Lead workshop participants to help with next year's planning. They are David Cotner, Union; Juan Figueroa, Lancaster; Tom Swope, Cambria; Bridget Faulkner, Montgomery; Laurie Henry, Erie; and Carolyn Norman, Tioga.

Clover Run Teaches 4-H'ers About Life With A Handicap

BY SALLY BAIR

Lancaster Co.

Correspondent

UNIVERSITY PARK — How does it feel to have a physical handicap? Last week 100 of the nearly 600 4-H'ers attending 4-H Leadership Congress at Penn State took the opportunity to develop some insight into functioning with a handicap.

The Clover Run, which has become an institution at Leadership Congress, has always been an early morning physical fitness exercise. This year, the 12 advisors who help plan the program decided to make it an educational opportunity, in addition to the fun.

And so, at 6 a.m. the enthusiastic 4-H'ers, only slightly subdued by the early hour, showed up in a parking lot to follow a four leaf clover course in relay teams. It was not an ordinary relay because each team member had to experience a handicap.

One "leaf" of the race was done riding in a wheelchair, one on crutches, one blindfolded and using a cane and one required pushing a glass of water perched on a wheelchair.

Matthew Vandzura, 19, a 4-H'er from Mifflin County attending as an advisor to the Teen U Lead program, is credited with coming up with the idea. Because he lives in State College, he also arranged for all the props necessary to make the relay successful.

Vandzura said, "We wanted to do something different, and we were pleased. There was a bigger turnout that I expected." He noted that in recent years attendance at the Clover Run had been dropping, but this new idea seemed to spark the 4-H'ers' interest.

A sophomore at Penn State studying wildlife science, Vand-

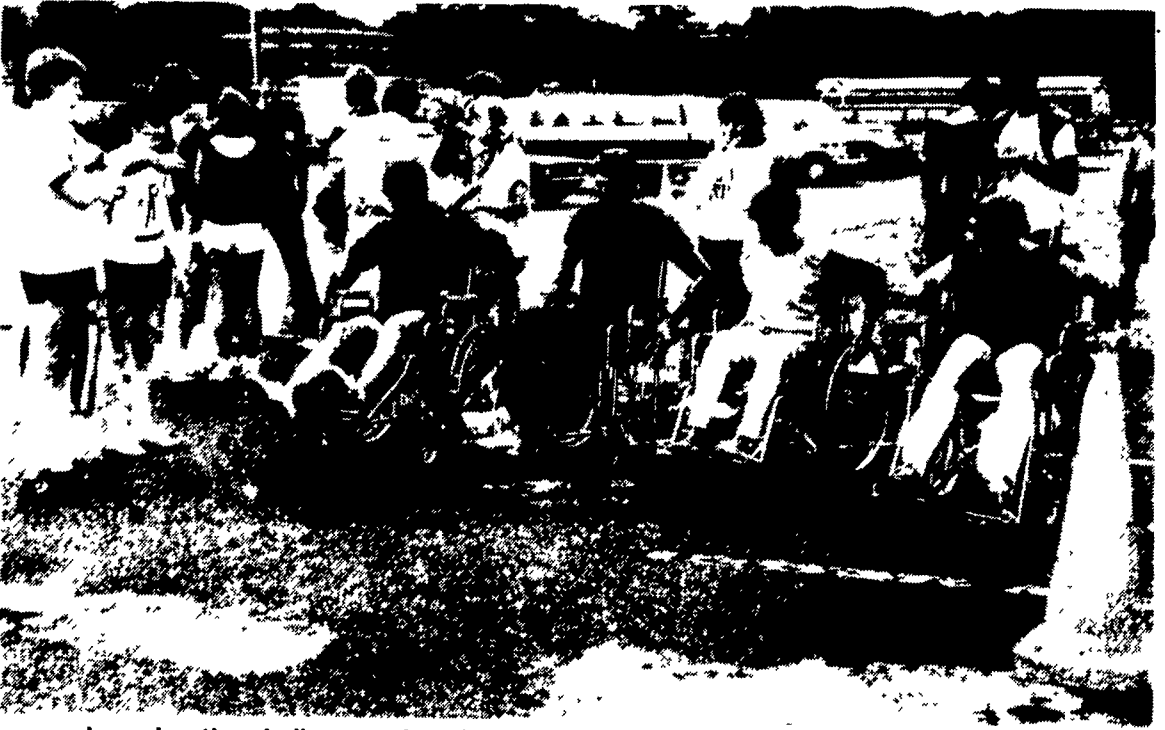
zura said most 4-H'ers learned that "it wasn't as easy as they thought it would be." In addition to learning what it feels like to have a handicap, Vandzura said the 4-H'ers also "learned how to help people who are handicapped." In preparing for the relay he said he learned that very independent people sometimes have the most trouble adapting to a handicap because they cannot learn to rely even slightly on others.

Although it took scores of phone calls to gather the eight wheelchairs, four pairs of crutches and other materials necessary for a successful race, Vandzura said he found the State College health care services eager to help. If one agency could not help, they often referred him to another.

Even the state highway department got in on the act by donating the cones which were used as markers for the four leaf clover course. The facilities department at the University donated colored pinnys for teams to use.

A real plus for the group was having Kay Marshall, a member of the State College Sight Loss Support Group, on hand to work with those going through the blindfolded part of the course. Marshall, herself visually handicapped, talked with the 4-H'ers and helped them understand the proper use of the cane. Vandzura said he was unable to find an agency willing to give him canes used by the blind, but he called on his 4-H ingenuity and improvised with livestock showing canes, which served the purpose well.

He noted that most of the group found that working blindfolded was the largest handicap. In order to get the 4-H'ers through the course marked by two sets of orange highway cones, someone served as



Learning the challenges of coping with handicaps, these 4-H'ers were part of relay teams competing at Leadership Congress. Powering a wheelchair proved to be more difficult than expected.

a coach, walking with them and talking to them as they went, offering advice and encouragement.

Vandzura said the venture was a success simply by dramatizing the plight of the handicapped, and

making 4-H'ers more aware of the problems handicapped individuals face.



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Kay Marshall, right, brought her personal experiences to the Clover Run and helped the 4-H'ers use the canes properly. A member of the Sight Loss Support Group, Kay chats here with Matthew Vandzura, a 4-H'er from Mifflin County who organized the event.

Susan Waite Tops Competitors To Become SUN Area Dairy Princess

BY CRAIG BINGMAN

Snyder County Correspondent
MIFFLINBURG — Susan Waite was crowned SUN Area Dairy Princess before a capacity crowd in the Boscov's Auditorium at the Susquehanna Valley Mall June 21.

Susan is the 16-year-old daughter of Mr. and Mrs. Robert Waite, R1, Beavertown, Snyder County. Denise Thomas, 1985 Dairy Princess, crowned the new princess.

First alternate princess was Gayle Foresman, daughter of Mr. and Mrs. David Foresman of R.D.#2, Mifflinburg. Second

alternate princess and also named "Miss Congeniality" was Carrie Fisher, daughter of Mr. and Mrs. Leon Fisher, R2, McClure.

The SUN Area contest was sponsored by the Dairy Princess Committee. The SUN area encompasses the counties of Snyder, Union, and Northumberland. The first SUN Area Dairy Princess contest was held in 1975 and sponsored by the Holstein Clubs.

The new dairy princess is a student at West Snyder High School in Beaver Springs, where she is active in FFA and field hockey. Susan helps with farm

chores on her parent's dairy farm and is active in her church.

The contest climaxed a full week of promotional activities which featured the theme, "Bring Home Real Dairy Freshness." Special activities to celebrate the 50th year of Dairy Month included the making of a 150-gallon ice cream sundae, a petting zoo, and the display of a 13-foot high cow. Turkey Hill Farms contributed both the ice cream and cow for the special event. Also, displays from area agricultural organizations and servings of milk, punch, and cheese were featured.

Jim Cameron of WILQ Radio

was master of ceremonies of the contest, which saw the three contestants each modeling a sporty and dressy outfit courtesy of Boscov's Department Store. In addition to the fashion show, a skit and impromptu questions were part of the contest. Miss Waite cut

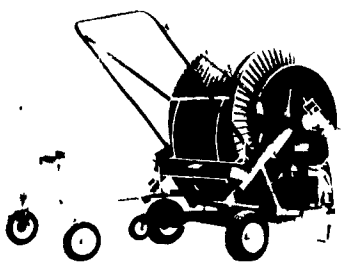
out a wooden cow for her skit and talked to the cow about the value of dairy products as she led it to the fields.

In September, Susan Waite will represent the SUN Area at the State Dairy Princess Contest in Harrisburg.



1986 SUN Area Dairy Princess Susan Waite receives her crown from 1985 princess Denise Thomas.

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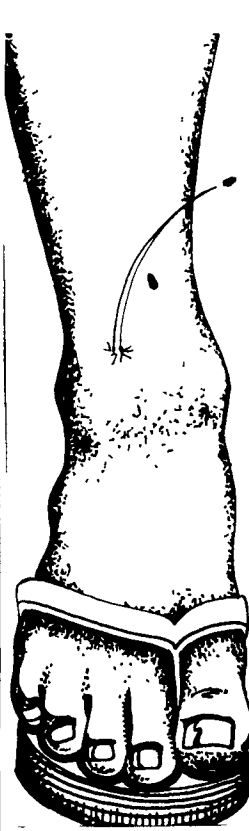
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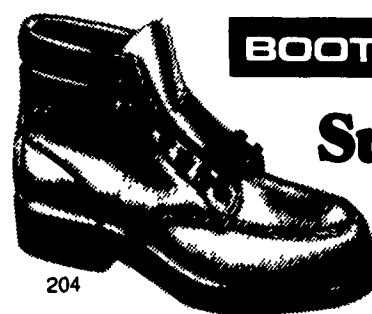
Northern Lebanon FFA

Northern Lebanon FFA recently sent five members to the State FFA Convention at Penn State University.

Sherry Donmoyer, Marcy Barnhart and Laura Harding participated in the dairy cattle judging contest. Gene Gladfelter

competed in the wildlife contest and Gene Kreitzer Jr. acted as a county delegate.

The chapter received a first place silver award for the chapter's scrapbook, which is a record of chapter activities for the school year.



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1986 Perry County Dairy Princess Fran Palm To Promote Dairy Industry

NEW BLOOMFIELD — Fran Palm, the daughter of Mr. and Mrs. Harold Palm, R.D. 1, Ickesburg, was recently named Perry County's 1986 Dairy Princess.

Theresa Kling, daughter of R. Lynn Kling, R.D. 2, Loysville, was named Perry County's 1986 alternate princess.

Fran Palm lives on a dairy farm at R.D. 1, Ickesburg and will be a senior this year at West Perry High School.

Both Fran and Theresa will promote dairy products in Perry County this coming year.

Beth Ann Rice, Perry County's 1985 Dairy Princess, gave her farewell speech in which she indicated promoting milk and dairy products in Perry County was a memorable experience. Beth is the daughter of Mr. and Mrs. Nevin Rice, Blain.

The judges were Mrs. Janice Burkholder, Chambersburg; Mrs. Nellie Crawford, Port Royal; and Mr. Robert Williams, Camp Hill.

Mrs. Donna Dum, Ellittsburg and Mrs. Judy Roth, Loysville served as co-chairmen for the Perry County Dairy Princess Pageant.



1986 Perry County Dairy Princess Fran Palm, center, receives congratulations from 1985 princess Beth Rice, left, and Alternate Dairy Princess Theresa Kling, right.

Harrisburg Woman Tops Beef Cook-Off Competition

HARRISBURG — Where's the best beef? It's in the taste-tempting recipes of participants in the 1986 Pennsylvania Beef Cook-Off. Seven finalists competed in the 11th Annual event held recently in Shiremanstown.

Julia Goodman, of Harrisburg, claimed the first prize plaque and \$125 for her preparation of "Beef Pine Nut Pies," an innovative combination of beef, pine nuts, fresh dough and spices. The recipe is included below.

Priscilla Davis, of Hanover, took the second prize of \$75 with her "Pennsylvania Beef Noodle Soup" recipe; Sharon Jadick, of Brodheadsville claimed the third prize of \$50 with her entry of "Greek Stir-Fry on Lettuce Beds;" Jean Garfinkel, of Bala Cynwyd, took fourth place, receiving \$50 with her "Belgium Beef Brisket With Beer" recipe.

Honorable Mentions were earned by Alice Cory, King of Prussia, Susan J. Jenson of Wyndmoor, and Cindy McGrath of West Chester.

Later this year, Mrs. Goodman will compete in the National Cook-off in Dearborn, MI. Last year's Pennsylvania winner, Gloria Bove of Bethlehem, went on to win \$5,000 in the national competition.

Beef Pine Nut Pies

1 lb. lean ground beef (Ground round)
2 medium onions - minced

¼ teasp. pepper
½ teasp. allspice
Juice of two lemons
½ cup pine nuts
1 teasp. salt
¼ teasp. cinnamon
2 Tablespoons butter

Brown onions lightly in butter, add beef. Stir and brown about ten minutes. Add pine nuts and seasoning then simmer for five minutes. Cool slightly.

Commercially prepared dough can be used to expedite preparation. Buy 1 lb. from a local bakery.

Basic Dough

2 lbs. flour
1 Tbsp. sugar
2 cups warm water
1 Tbsp. salt
1 small cake yeast

Dissolve yeast and sugar in warm water. Mix into the flour and the salt. Knead for five minutes or until smooth. Cover and let it raise in warm water for 45 minutes.

Cut dough into small pieces (walnut size). Roll out and place spoonful of filling on each round of dough. Roll up and pinch dough so that filling does not escape. Bake on buttered cookie sheet 15-20 minutes. Preheat oven 425°. May place under broiler for 1 or 2 minutes for crispy brown.

For copies of the award winning recipes write:
Pennsylvania Beef Council
862 Webster Drive
State College, Pennsylvania 16801

Lampeter-Strasburg FFA

Several members of the Garden Spot FFA Chapter from Lampeter Strasburg received honors for their excellence in judging competition during the State FFA Convention at Penn State June 17 through 19.

Members Andy Groff and Mike Hall will move on to further competition in Springfield, Mass. in September. Groff placed fourth in the state in Livestock and Hall placed sixth in Ag Mechanics.

Other students placing were:
Denise Mills, gold in dairy

judging; Glenn Miles, silver in meat judging; Rob Rush, bronze in livestock; Jackie Schrage, bronze in land judging; Dave Crinnion, gold as a delegate to the Stte Convention. Chapter advisor is Stephen Smith.

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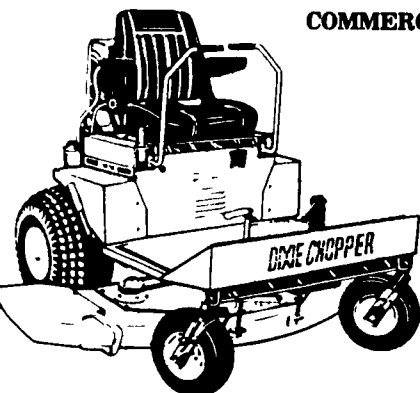
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Pennsylvania 4-H'ers Prepare For Month-Long Visit To Japan



This group of 4-H'ers is practicing "The Chicken," a dance, which, according to U. B. Bakker, 4-H youth specialist from Penn State, was popular with Japanese teenagers during a previous trip.

BY BARBARA MILLER
Lycoming Co. Correspondent

WILLIAMSPORT — Twenty-two 4-H'ers from five Pennsylvania counties met at the home of Lycoming County 4-H leader Alice Bair Saturday, prior to leaving for a month-long stay in Japan on July 12.

The trip is sponsored by Pennsylvania International 4-H Youth Exchange and the United States Information Agency. Bair and Sharon Horton, Ulster, will accompany the PIFY's as chaperones.

The group met to practice games, songs and dances to be performed for their Japanese hosts. In addition to square dancing, they practiced the "chicken dance" which U.B. Bakker, Penn State youth specialist, said was especially popular when performed for the Japanese on a previous trip.

"The chicken dance," Bakker noted, "was probably one of the better communication channels we had."

The purpose of the trip, Bair

observed, is to promote better international relations in youth programming and ultimately in agriculture.

While visiting Japan, Bakker explained, 4-H members will stay in one of Japan's most expensive winter resorts where rates in season average \$200 to \$250 per day. Activities scheduled for students include hiking the Japanese Alps, participating in nature studies, learning to make a Japanese barbecue using chopsticks, and creating a piece of pottery.

PIFY's participating in the exchange (by county) are: Bradford County, Kelly Champluvier, Nicole Dalia, Teresa Murphy, Cathy Clink, Rebecca Price, Melisa Horton, Scott Wisley; Tioga County, Kimberly Gee, Joanne Hash, Rebecca Tice, James Johnson, Brent Satterly, Mark Linder; Lycoming County, Christina Walls, Susan McCaslin, Jennifer Eakin, Gregory Girven, Todd Eakin; Potter County, Rebecca Shatz, Toby Lent, Terry Lewis; Forest County, Dean K. Nelson.

Kutztown FFA

Kutztown FFA member Naomi Herbert, a 1985 graduate, was elected to the state FFA officer team as sentinel during FFA Activities Week June 17, 18 and 19.

Fellow FFA members Robert Adam and Troy Seidel participated in the Agronomy Contest. Robert placed first in the state and won a trip to the National FFA Convention to be held in Kansas City in

November. Troy placed seventh individually and earned a first honorable mention. Both have completed their 10th grade year at Kutztown High School.

Brian Blatt placed 17th in the Dairy Foods Contest. Brian will be a junior at Kutztown High School. Andrew Miller, an 11th grade student, participated in the Land Judging Contest.

NoSoAnn 4-H Dairy Club

Members of the NoSoAnn 4-H Dairy Club met at the home of Dave Smith June 13 for a fitting and showmanship workshop. Those attending learned to wash, clip, lead and trim the hooves of animals.

Lunch was provided by the leaders. Entry forms and promotional material for the Lebanon Area Fair were distributed. Due date for the Fair entries is July 11. The group also discussed sponsoring a booth at the Lebanon Area Fair.

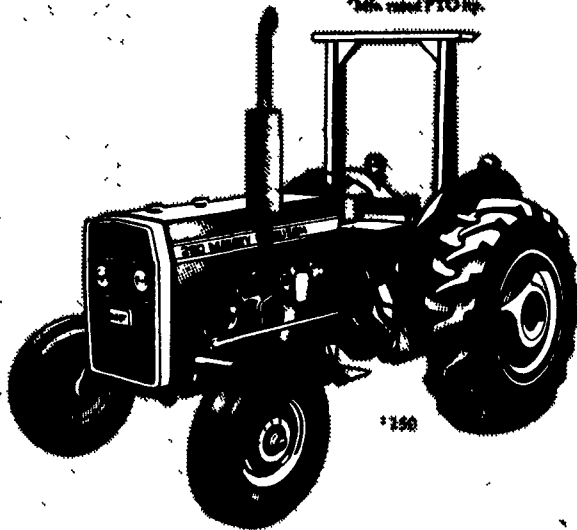
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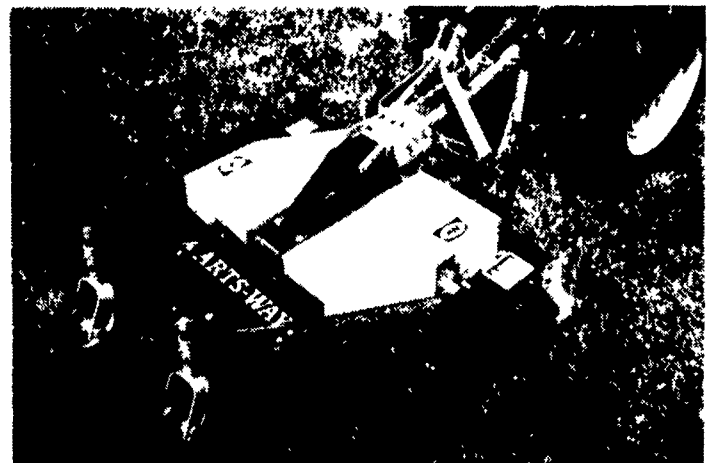
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Pork Fest Recipe Contest set for August 23

ADAMSTOWN — The second annual Pork Fest Recipe contest has been slated for Saturday, August 23 at Ed Stoudt's Black Angus Restaurant and Bavarian Festival in Adamstown.

More than \$500 in cash prizes, gift certificates and pork product awards will be distributed to the ten finalists competing Aug. 23.

Pennsylvania residents 18 years or older are eligible to compete. Submitted recipes will be screened by a panel of judges and finalists notified by Aug. 1.

Original recipes should contain a minimum of one pound of any boneless Pennsylvania pork and cut to serve four persons. Recipes will be judged on taste, appearance, originality, ease of preparation and practicality.

Finalists will bring their prepared recipe to the Bavarian Summer Festival in Adamstown to be judged from 2 p.m. to 4 p.m. Festival entertainment will include the "Edelweiss Kapell" from 3 to 7 p.m. and "Hank Haller" playing from 8 p.m. to midnight.

Entering the Garten on Saturday, visitors will see the savory sight of a fresh suckling pig turning on the spit—slowly cooking. By mid-afternoon, the pork is completely cooked and a grand procession carries the pig through the Garten with a ribbon of people following behind, dancing and singing. Many other pork specialties will be available at the festival, including such German

delicacies as Wiener Schnitzel.

Recipe contest winners will be announced following the roast pig procession at 4:15 p.m.

The top three recipes also will be submitted for competition in the national recipe contest. The

winning national recipes, judged by award-winning chefs, will compete for one of 39 prizes. The grand prize is \$1,000.

Many pork door prizes are planned for the August 23 event, including piggy bag coolers,

YORK — Local gardeners are now harvesting peas. If canning or freezing peas, you want to aim for the safest and best quality; this means canning peas with a pressure canner and blanching peas before freezing says A. Joan Lamberson, home economist for Penn State Cooperative Extension Service.

It's best to pick peas early in the morning when it's cool. If they can't be preserved right after harvesting, they must be chilled quickly. Peas give off heat after picking as they continue to combine oxygen in the air with carbon in the sugars of the plant.

Peas that have not been properly chilled will have a rapid change of sugars to starch, change of flavor and will spoil if left in a warm pile overnight. They should be chilled with crushed ice or cold water.

Fresh peas in a shell can be held for a week at 32 degrees or only a few days at 40 degrees. Shelled peas are more perishable. They can only be held 2 or 3 days at 32 degrees in a perforated plastic bag.

Freezing — Freeze peas the same day as harvested. Shell peas. Blanch in boiling water for 1½ minutes. (To blanch bring 1 gallon of water to boiling. Add about 1 pound of peas. Cover. Start timing when water returns to boil.) Drain and chill in ice or cold water for 2 or 3 minutes. Drain. Package and store at 0 degrees or colder.

Blanching is necessary to destroy enzymes that can cause changes in color, flavor and loss of nutrients during long storage in the freezer.

Canning: Can the same day as harvested. Peas are low acid and must be canned in a pressure

Canadian bacon, bolognas and ham.

Pork product sponsors are Berks Packing Co., Hatfield Packing Co., Leidy's, Inc., Alderfer Bologna, Daniel Weaver Co., and Kunzler and Company.

The Pork Fest Recipe Contest is sponsored by the Pennsylvania Pork Producers Council in cooperation with the Pennsylvania

Department of Agriculture and Ed Stoudt's Black Angus Restaurant and Bavarian Summer Festival.

To enter, send a typed recipe, with your name, address and phone number to: PORK FEST RECIPE CONTEST, Bureau of Marketing Development, 2301 N. Cameron Street, Harrisburg, PA 17110. Entry Deadline is July 30, 1986.

Preserve Peas Safely

canner at 10 pounds pressure. Hot pack is recommended but raw pack of peas into jars is acceptable.

For Hot Pack — Shell and wash peas. In a saucepan cover peas with boiling water and bring to a boil. Using a slotted spoon and funnel pack peas loosely into jars within 1 inch of the top. Add 1 teaspoon of salt per quart if desired. Add fresh boiling water to 1 inch of the top of jar. Remove bubbles, wipe jar top, add and adjust canning lids according to manufacturers instruction. Process in pressure canner at 10 pounds pressure for 40 minutes for quarts and pints.

Sugar Snap Peas have become a favorite of gardeners. They are edible podded peas that look much like hullpeas. Sugar Snap Peas are very tasty raw in salads, slightly blanched or cooked. They can be

frozen, but canning is not recommended. Store them unwashed in unsealed plastic bags in the refrigerator at 32 degrees for 5 to 7 days. These peas have 2 strings that should be removed before cooking.

To Freeze Sugar Snap Peas. Wash, remove both strings and blanch 1½ minutes in boiling water. Drain and chill in cool water 5 minutes. Drain well. Spread in single layer and freeze till solid. Package, excluding air. Label and freeze up to 1 year at 0° F.

For more information on freezing foods you can request the book How to Freeze Foods the Right Way for \$1.50 from the Penn State Cooperative Extension Service, 112 Pleasant Acres Rd., York, PA 17402. Make check payable to: EXTENSION SERVICE SPECIAL FUND.

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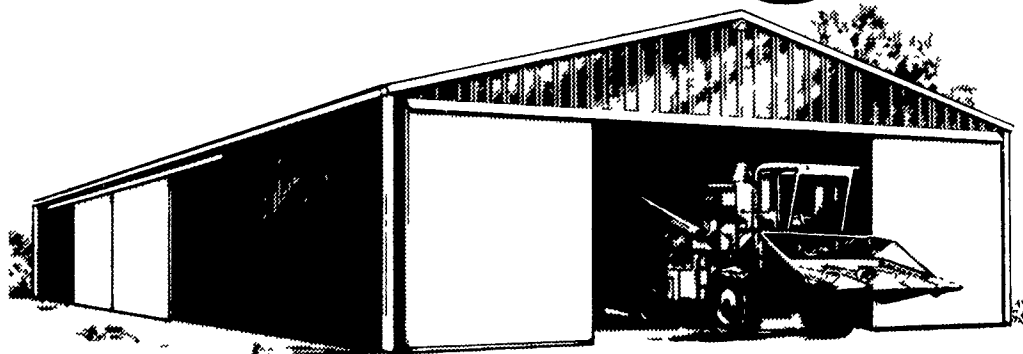
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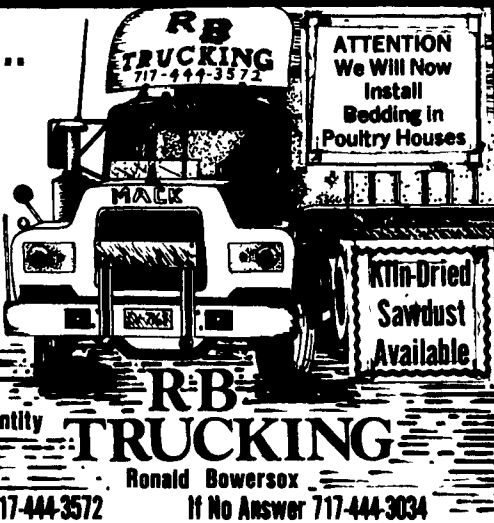
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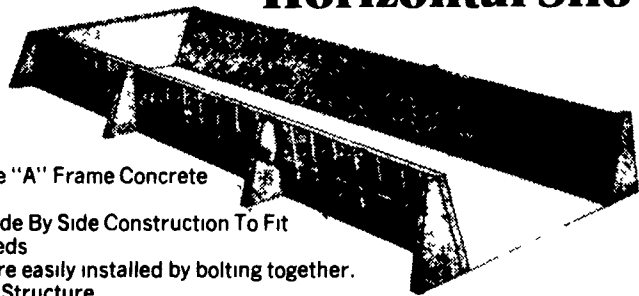
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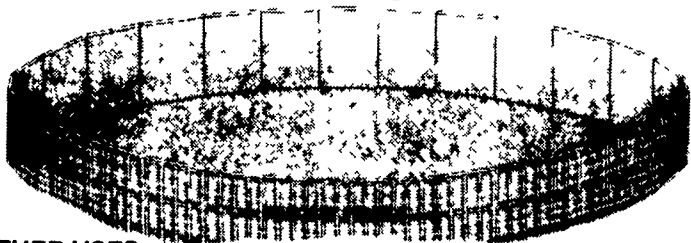
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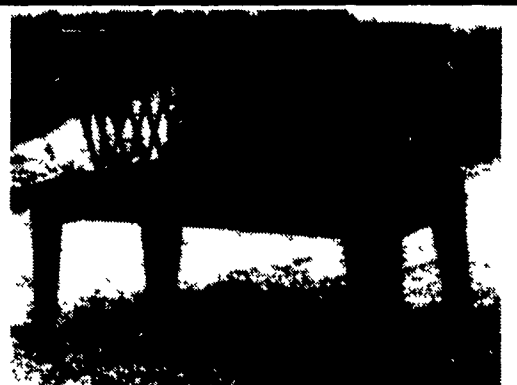
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Show: Friday, July 11 8:30 AM

Sale: Saturday, July 12 9:30 AM

Penn State Ag Arena, State College, PA

540 head consigned

14 breeds consigned

Hosting National Finn Sheep Sale. Sponsored by

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Saturday, July 12

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**100 Head
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Ph. 717-867-1809

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SERVICES**

Animals Available

Boars	Birth Date		
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Yorkshire & Large White	7	30	25
Duroc	3	30	20
Hampshire-Duroc Cross	4	1	
Gilts			
Yorkshire (Large White) x Landrace Cross		100	100
Yorkshire & Large White		75	60
Duroc		50	25

Tested Boars & Gilts. 21-Day weights, Backfat, Days to 230. We will soon be participating in the Swine Testing and Genetics Evaluation System (STAGES)

Boars tested at Ohio & Maryland Test Stations
Have Had These Averages:

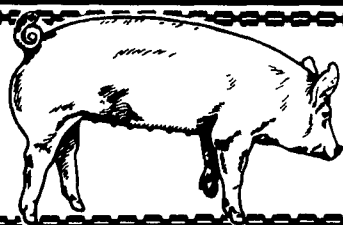
	No.	Daily Gain	Days to 230	Back-fat	Loin Eye	Feed Efficiency
Duroc	6	2.42	147	.73	5.34	2.25
Yorkshire	3	2.28	153	.73	5.23	

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Yorkshire Coop Association, Inc.
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Show And Sale

Friday afternoon and evening

July 18, 1986

Show at 3 PM

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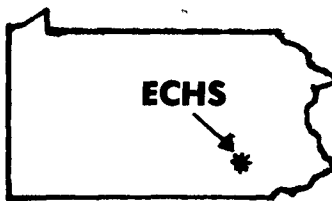
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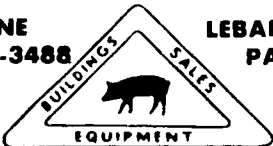
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- Can reduce ground moisture

Bale Bag™

- Wrap hay up +40% moisture make round bale haylage
- Two sizes available

One of these low-cost easy to manage systems fits your operation. Learn details free!

1 (800) 231-4242
In Missouri Call (314) 483-2552
Convenient UPS delivery We pay freight and C.O.D. charges

Bale Bonnet Co., Inc.
P.O. Box A
Bloomsdale, MO 63627
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STRAW: Hesston square bales, 4x4x8. Will deliver. 215-255-5211.
Sweet corn husk & cob silage from cannery, stored in a bunker silo. F.O. Mitchell & Bro. Inc., Perryman, MD. 301-272-3638 Day, 301-272-2620 Night.

3,000 Bales first cutting mixed alfalfa. Mt. Bethel, PA. 215-588-8447.
32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

Bright wheat straw. Stump Acres. York Co. 717-792-3216.
Buckwheat for sale, \$5.50 bu. 717-369-3580.
Corn Silage For Sale. Can Delivery to your farm. 717-872-4058.

FOR SALE: Corn silage, haylage, high moisture ear corn. Can Deliver. Lanc. Co. 717-284-2580.
FOR SALE: Oyster shells. Contact Nelson Weaver & Sons, Inc., Lititz, PA 717-626-8538.

Specialty Fats and Oils for dairy, beef, poultry and hogs. We ship both small and large orders. PENN NUTRIENTS, INC., Robersonia, PA 19551. Call collect: 215-693-5848.

16 FERTILIZER

MUSHROOM SOIL
900 Bushels ... \$110 trailer load
450 Bushels ... \$80 large truck
225 Bushels ... \$60 small truck
100 Bushels ... \$45 small truck (West of Lancaster is extra charge)
Use Poultry Manure For Corn Fields, Mushroom Soil for Gardens & Flower Beds.
Mahlon H. Martin Co.
717-859-3348 215-267-6400

FARMERS Save Fertilizer Dollars!
Poultry manure delivered or loaded on your truck.
717-582-2352

BROILER MANURE FOR SALE
* Delivered in 22 ton loads
* Custom Spreading Service Now Available
* Mushroom Soil Available
Penn Ag Products, Inc.
New Holland, PA
717-354-4175

MUSHROOM SOIL
Fresh or aged. 1,000 bushels or 50 yards, \$110 delivered.
BARK MULCH "Red Oak"
\$10 per yard. You pick up. \$12.50 per yard delivered. Broiler manure, \$10 per ton. All Size Loads
Call after 7 PM
215-376-0938

NEED LIME?!
CALCO® = LIME PLUS FREE POTASH & SULFUR!
High Quality Lime Plus 50-60 Lbs. of Potash (Worth \$7.00) & 80-100 Units of Sulfate (Worth \$12.00) In Every Ton
University & USDA Tested and Proven!
COMPARE OUR ANALYSIS
77-80% Calc Carb | 40-45% Calcium Oxide
3% Potash (60 lbs) | 4.6% Sulfate (50 lbs.)
78-80 + ENP (effective neutralizing power)
We Deliver!
Only \$6.00/Ton F.O.B. Stockertown, PA
Hi-Mag Lime (Damp)
Only \$4.75/Ton F.O.B. Downingtown, PA
agri-dynamics
P.O. Box 318
Martins Creek, Pa 18063
(215) 588-8150

17 PLANTS

- ORGANICALLY GROWN -
Healthy Plants With Good Roots.
Snowcrown Cauliflower plants
Broccoli plants
Cabbage plants
RD 4 Lititz, PA
717-859-1662

Cauliflower, Broccoli and celery plants.
717-733-7420

For Sale: Snow Crown Cauliflower plants. Also Premium Crop broccoli, by hundred or thousand, \$30. per thousand, ready to pull. Lancaster Co. 717-733-1048

18 FRUITS AND VEGETABLES

White & black striped enamel vegetable case, like new, good for road stand or grocery store, 7' long & easy to handle. 215-445-6427.

Hybrid **CAULIFLOWER BROCCOLI PLANTS**
Order now to plant in late July.
\$35/1000 plus shipping
LOVEVILLE GARDENS
RD 1, Mechanicsville MD 20659
301-373-3333

21 SERVICES OFFERED

DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
R.D. 2 717-768-8606
Narvon, PA 17555 717-768-8614

HOOF TRIMMING
During my 20 years experience, I developed a way & designed tools & equipment to trim cows hoofs better & faster than anyone else. My way is easier on the cow & the farmer and I can prove it to you. I have references from many satisfied customers, you can also be one of them. Serving the East Coast. For more information & demonstration call Simon,
717-755-0770
evenings **717-757-3378**

IT IS CORN BORER CONTROL TIME

Airplane Application Of Granular Insecticides

TALLMAN AERIAL SPRAYING
1701 Peters Mountain Rd., Dauphin, PA
717-921-2476

C & D High Pressure Washing
Pressure washing and disinfecting - Specializing -
* Poultry * Veal * Hog * Dairy Barns
5% Discount For All Scheduling On Or Before July 31st
For Scheduling Ask For Diane or Charlie
1543 East Newport Road, Lititz, PA 17543
717-627-0055

19 NURSERY

FOR SALE: Square pointed oak tomato stakes. Moyers Sawmill, RD 2, Anville, PA 17003. 717-867-5316.
Redwood framed glass greenhouses for sale. 42'x22', 26'x16', 75'x28'. Prices are negotiable. Call 717-436-2835

STRAWBERRY MULCHER HOTLINE
1-800-222-2948
SALES-LEASING-RENTAL
LOCAL
(301) 398-2948

21 SERVICES OFFERED
BRADFORD'S HOOF TRIMMING
301-378-4603 or 301-838-5105.

Painting, Roof Coatings, Power Washing, Sanitizing. Written guarantee. Fully insured. Interior, exterior. Excellent prices. We help finance. No job too far. 717-848-5389, ext 221 717-266-5491 anytime.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

Ivan W. Hoover
Liquid Manure Hauling
Ephrata, PA
717-738-1028



ROOFING - SIDING
MASON - POLE BUILDINGS.

A. & J. Builders
GENERAL CONSTRUCTION
Complete Dairy Systems

10 COLONIAL ROAD
GORDONVILLE, PA 17529

PHONE
717-768-3320
717-768-8616



LIQUID HAULING

Hog Barns 4,000 Gallon Tank
Dairy Lagoons Truck
Calf Barns Can Use Vacuum Or
Chicken Houses Have Lagoon Pump

Martin Liquid Hauling

263 Meadow Valley Rd.
Lititz, PA 17543

Melvin Lee Martin 717-627-0009

22 CUSTOM WORK

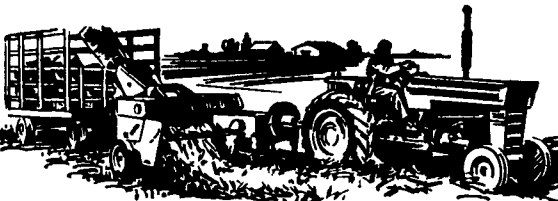
Custom Round Baling.
Hay, Haylage, NH 849
baler, round bale bags.
Harry Zimmerman, Jr
215-445-6987

CUSTOM ROUND BALING

Lancaster and Surrounding Counties

5' bales \$3.00 to \$3.25 per bale includes bale
fork to move bales while baling. Bale w/849 NH
Baler. Also 60", 5 mil. hay bags, \$4.25 ea.

Call **Marvin Zimmerman**
R4, Lititz, PA
717-733-4449



CUSTOM FARMING

Will do all aspects of hay work. Also will do custom
chiseling. We can rent numerous tractors for
different jobs. Custom skid loader work is
also offered.

For Lititz, Manheim, Ephrata & Lancaster Areas.

Call 717-627-1578 For Prices

Ask For Mr. Smith or Mr. Price

If no one is available please leave message.

23 HELP WANTED

Wanted: Person wanted
for bookkeeping & office
work for a small agricul-
ture equipment company.
Sales experience neces-
sary. Lancaster Co. Send
replies to Lancaster
Farming, P.O. Box
366-A-85, Lititz, PA
17543.

Wanted Responsible
person to manage broiler
operation. Will also
consider leasing operation
to experienced person.
Home available. Southern
York Co. Send resume
and reference to Lancas-
ter Farming, P.O. Box
366, R-82, Lititz, PA
17543.

PART-TIME: I need recent
graduate or highly quali-
fied individual to help
with milking, nutrition and
animal health in a new
start-up of 40 cow herd of
Jerseys in Southern Clin-
ton County
717-725-3858

Person for general handy
work around farm, build-
ings, and small factory.
No dairy. House available
215-384-4140

Person for dairy and
general farm. Experi-
enced milker and reli-
able. Two bedroom hous-
ing provided. Susquehan-
na Co. 717-434-2048.

Person to work on dairy
farm, milk and do general
farm work.
717-653-4923.

CUSTOM IRRIGATION
20 Years Experience
717-733-4516

Custom Bagging w/
motorized machine.
Haylage, Corn Silage and
High Moisture Corn.
717-949-2366.

CUSTOM
BAGGING
Bag Choices
Fast Unloading
Merle W. Martin
717-626-4915

Custom
Bagging
We Operate The
Bagger With You
Fast unloading
Fast clean up
CHARVIN FARM
717-665-7471
Or MID ATLANTIC
POLY-STOR
301-734-7959
Machines - New & Used
All Size Bags Available

Custom
Bagging
Fast Unloading
Check Our
Prices
Stoltzfus Custom
Bagging
Honey Brook, PA
215-273-9666
215-273-3374

AG BAG
CUSTOM
BAGGING
The authentic
sealed storage bag.
Farmers you need
to compare the ag
bag feeding system.
You have less
overall expense.
Silage bags sold
9x135, 8x150.
Round bale bags 4',
5', 6'.
Ag Bag Dealer
717-626-7596

Experienced in all phases
of farm work, no dairy,
modern home & privileges
provided. Write Lancaster
Farming, P.O. Box
366-L-106, Lititz, PA.
17543.

Fulltime person to deliver
and pickup eggs. Must be
24 yrs. of age or older and
have a Class 3 license.
Must have experience
driving tractor trailers.
We have a safe driving
program plus other bene-
fits. For more information
call between 8 a.m. and 5
p.m. 717-653-8061.
Esbenshade Farms, Mt. Joy.

Part time weekend
person needed to do
cleaning in our modern
egg processing plant.
Approx. 20 hours per
weekend. This person
need not work every
weekend. For more infor-
mation call between 8
a.m. and 5 p.m.
717-653-8061. Esben-
shade Farms, Mt. Joy.

HELP WANTED to feed
calves and do field work.
Located in Clinton Coun-
ty. Call 717-726-6720

HERDSPERSON:
Husband & wife team with
family. 201-859-1731.
Frank Santini, RD2, Box
549, Phillipsburg, N.J.
08865.

Help wanted on dairy
farm, Southern Lancaster
Co. Prefer experience in
dairy & machinery opera-
tion. Must be responsible.
Edgfield Farms, Quarry-
ville, 717-786-3591.

Herdsmen: Full time.
Take charge of milk
production and feeding.
100+ in production.
Universal parlor, DHIA,
500 acre farm, very little
field work, 3 bedroom
house, no utilities, bene-
fits and salary negotiable.
Chester County.
215-793-1861. Write: 60
Davison Road, West
Chester, Pa. 19382.

Herdsperson wanted for
200 cow registered Hol-
stein dairy in Central New
Jersey. Milking and
general health care expe-
rience required. New
parlor with automatic
take-off. Excellent work-
ing conditions, regular
hours, time off, overtime
available. Salary negoti-
able. Housing available.
Call 201-369-4381.

Herdsperson for 80 cow
herd. New stall barn with
modern equipment.
Southern Lancaster Co.,
717-529-2512.

Milking equipment
serviceperson with
refrigeration experience.
Agricultural background
required. Send resume
to: Lancaster Farming,
P.O. Box 366, L-104,
Lititz, PA 17543.

A Golden Opportunity:
Join FRIENDLY HOME
TOY PARTIES, the leader
for 31 years. Openings for
managers and dealers.
We have the largest and
best line in party plan. No
cash investment, no deliv-
ering or collecting. Earn
big money plus bonuses
and travel incentives. Call
now toll free to Carol Day,
1-800-227-1510.

Agricultural equipment
manufacturer has open-
ings in sales. Part/full-
time. Experience w/
spreading equipment
useful. Several east coast
territories available.
Adjustable compensation.
Reply to Lancaster Farm-
ing, P.O. Box 366, R-83,
Lititz, PA 17543.

Diesel Mechanic farm
work available. Must have
experience & Class III
license. Kreider Farms,
717-665-4415.

WANTED
Sales Manager for
Farm Equipment
Manufacturer.
Please Call
717-354-7375

•••••
• **Sell Animal**
• **Health Supplies**
• farm to farm.
• Must have dairy farm
• experience and be
• aggressive. Guaranteed
• salary plus commission
• and excellent benefits
• Call:
• **Animal Medic, Inc.**
• **717-266-5611**
•••••

Herdsperson want-
ed for dairy farm.
Experience not
necessary but
helpful. House. Will
discuss other
benefits in person.
717-464-3492

Farm Equipment Ap-
praisers needed. Are
you familiar with Farm
Equipment values? If
you are, you may be
qualified to become a
Certified Farm Equip-
ment Appraiser.
Call
208-734-7570
American Society
of Farm Equipment
Appraisers
P.O. Box 186
Twin Falls, Idaho 83303

Full Time Feed Truck
Driver for
Growing Feed Company.

Reply To:
Lancaster Farming
P.O. Box 366-B200
Lititz, PA 17543

FARM EMPLOYEE

For modern 100 milker dairy farm in
Mohawk Valley, N.Y. Field work with
some milking. Must have experience
with all farm machinery. 2 Bedroom
house included. Up to \$14,000 depend-
ing on prior experience. References
required.

315-866-4128, 718-442-1345

SALESPERSON

Experienced person for on-farm sales of
agronomic products in Cecil, Kent &
Queen Anne Counties, MD & Kent Co.,
Delaware. Excellent company benefits.
Salary negotiable. Send resume to:

Personnel Director
PO Box 619
Seaford, DE 19973

HELP WANTED

Commercial Dairy Farmer Expanding to 120-3x
requires professional herdsman. Hiree must
have record of performance including cooperation,
reliability, patience with cows and attention to
detail.
Salary is negotiable with or without house.
Employment for second person also available.
Western Berks, PA.

D.J. Yarger
524 Hawthorn St., Reading, PA 19611

SALES POSITION SOUTHEASTERN PA

Fertilizer manufacturing company is
looking for a qualified individual to
provide agronomic sales and service to
farmers in the southeastern PA region.
Experience in sales is necessary.

The company provides an excellent
salary, an attractive incentive program,
transportation and benefits.

Reply to:

Lancaster Farming
P.O. Box 366, A-91
Lititz, PA 17543

CARETAKERS

Christian married couple as caretakers of manor
house country estate Downingtown and Coatesvil-
le area, Chester County.

Unfurnished five room apartment provided, daily
maintenance house and grounds, major mainte-
nance contracted, light housekeeping, starting
salary based on qualifications, experience and
references essential. Replies must be complete as
to qualifications; availability; salary desired, etc.
Conference arranged, replies in strict confidence,
opportunity for semi-retired couple, separate
salary to each individual.

Reply to: Lancaster Farming
P.O. Box 366 K-118
Lititz, PA 17543

AI Employment Opportunities

Responsible and motivated persons who
seek a rewarding and progressive career
working with people are welcome to
apply for work in artificial insemination
sales and service for cattle. Preferred: ag
background, safe driving record, willing
to relocate in PA, education and/or expe-
rience given positive consideration.
Compensation: above average income,
fringe benefits, equipment provided, paid
training, travel allowance. Mail resume
to:

Atlantic Breeders Cooperative
1575 Apollo Drive,
Lancaster, PA 17601

AGRI MARKETING OPPORTUNITY

National Agriculture Supply Company has an
opening for Regional Sales Manager in Pennsylv-
ania. Compensation includes salary, auto allowance,
some expenses and bonus opportunity. Responsi-
bilities are selling, recruiting, training, servicing
and some collection work. The applicant should
have a strong desire to work closely with farmers,
salespeople, company management and the
general community. Qualifications should include
an Agriculture degree with several years experi-
ence. Sales or service type work history is
desirable. Our company is celebrating 40 years
serving the US agriculture. If you are looking for
a career opportunity, send your resume to the
attention of Joan V. Click, PO Box 500, Marion,
Ohio 43302-0500.

25 BUSINESS OPPORTUNITIES

SUMMER OPPORTUNITY SEED CLEANER OPERATOR

Excellent Earnings

Full Time from Mid-July thru Mid-Sept.

In Following Counties:

York, Lancaster, Berks, Lebanon,
Dauphin, Schuylkill.

Pickup Truck Necessary

Call (717) 653-8078
REIST SEED CO.

Box 155 Mt. Joy, PA 17552

25 BUSINESS OPPORTUNITIES

Owner operators wanted: Dump loads moving from Lebanon Co. to SE PA. on a daily basis. 215-343-2444.

24 SITUATIONS WANTED

Husband and wife would like to rent a broiler growing operation with a contract available. Minimum 90,000 capacity. Reply to Lancaster Farming, P.O. Box 366, K-119, Lititz, PA 17543.

27 PETS

AKC collie pups, nicely marked, \$85. Abner A. Zook, Cains Road, RD 1, Box 190, Gap, PA 17527, 717-442-8336.

Catahoula Pups: Beautiful new litter of pups for sale. The perfect dog for your farm & home. Assorted colors available. Working farm dogs available also. 215-493-4900.

For Sale: Jack Russel puppies, nicely marked, born June 3. Lancaster Co. 717-768-8083

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

Valspar Exterior White Oil House & Barn Paint SALE \$9.99 Gallon
Ephrata East End Mart, Inc.
711 E. Main St.
Ephrata, PA
717-733-4388

Stores, Markets and Juggers Premium Ice Cream Made in Lancaster County, 1/2 gallon and bulk.

Elizabethtown Creamery Co., Inc.
Rear 519 S. Market St.
Elizabethtown, PA 17022
717-367-1389

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259



PUPS WANTED by Jo Jo The Dog Man \$ Top Dollar Paid

Monday, July 28th

I will pick up pups in the following towns: Christiana, 1 PM; Kirkwood, 1:30; Quarryville, 2 PM; Georgetown, 2:30; Strasburg, 3 PM; Intercourse, 3:30; New Holland, 4 PM; Ephrata, 5 PM; Blue Ball, 5:30; Terre Hill, 6 PM; Honey Brook, 6:30; Morgantown, 7 PM.

Meeting points will be by most post offices.

Tuesday, July 29th

***50 + *100**
I will reopen the puppy stand at Root's farm Market on Tuesday, July 29th, 4-8 PM. There will be a \$50 prize for the cutest pup + a \$100 prize for the person who comes the farthest distance with pups that I buy.

Pups wanted in litter lots only to 8 weeks only. No adult dogs handled. Root's Farm Market is located in Manheim, PA off Rt. 72. For details call

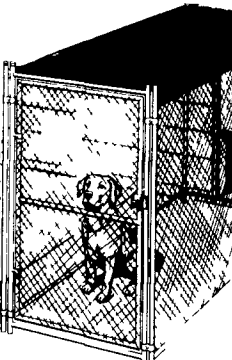
Jo Jo The Dog Man
on July 28th or 29th,
6 AM - 9 AM
Phone:
609-452-8903

32 MISCELLANEOUS

For Sale: 8x30 Mariette mobile home, well kept, ideal for hunting camp. \$1,500. Firm
717-537-6525

\$ \$ \$ \$ \$ \$ \$ \$
MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid. Call
Charlie Hackett
mornings.
1-215-681-5236
\$ \$ \$ \$ \$ \$ \$ \$

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R.D. #1 - Box 428
New Holland, Pa. 17557
717/354-9760

31 NOTICE

LAND FILL WANTED
Lancaster, PA.
717-397-7695

LIVE GAME FISH

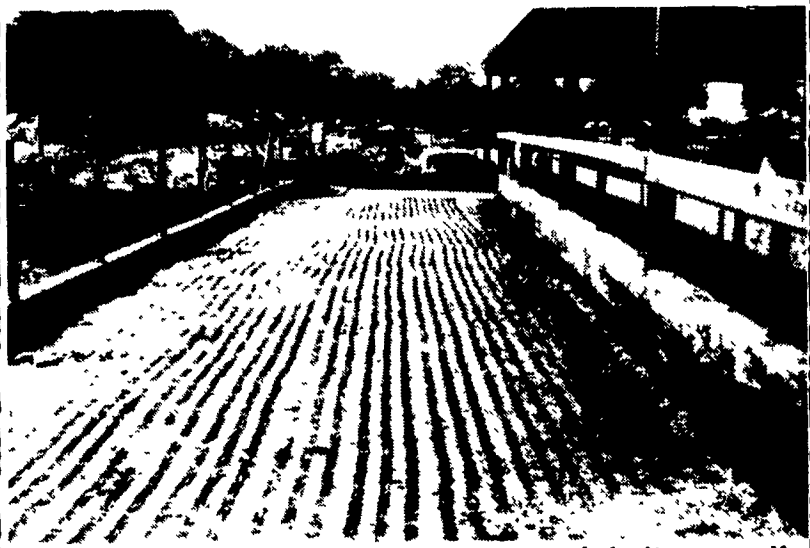


Fingerlings and Adults Large and Small Mouth Bass Spotted and Rock Bass Bream Crappies Trout Channel Cats Bullheads Walleyes Perch Minnows Northern Pickers Muskie Red Gills Mullet Carp Eels Turtles Frogs Israeli Carp Also Aquatic Plants and Water Lilies COLORFUL Pond Management
Truck Air and Parcel Post Delivery
ZETTS FISH HATCHERIES
DRIFTING, PENNA 16834
Phone 814-345-5357

SAVE VALUABLE COWS FROM FALLS ON SLICK CONCRETE

Scabbling has become the most efficient way to end slick concrete problems. Hundreds of farmers have found it both effective and economical.

We have developed the right equipment at the right price with the know-how to back it up.



Now you can rent this equipment and do it yourself or we will contract to do the job for you. Call us collect for more information.

SUBURBAN RENTALS, INC.

Please Call Us At 800 692 0123
Hagerstown, MD In Maryland Only, Call Collect 790 1303

Now serving a 10-state area

Bandsaw blades made to order. Wood, metal, or meat cutting. UPS shipping. 717-733-0511. Martin's Sharpening, RD#1, Ephrata, PA 17522.

For Sale: Industrial spot welder, HD, 500 AMP shop welder; Chicago pneumatic piston type air compressor parts. 215-679-6632 or 215-257-8367 evenings.

For Sale: Two 20"x96" concrete pipe and one 30" shower. 215-445-7296.

Now Open For Retailing at Wholesale Prices. A Large Inventory of Bearings, Sheaves, V-belts, Couplings, Roller Chains, Lockite, etc. E.Z. Bearings, R.D.1, Box 450-A, E. Farmersville Rd., New Holland, Pa. 17557. Call 717-354-3105

Bought and sold new and used cardboard boxes, drums, Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

CASH for your piano or sell on consignment. Call Ken at 717-392-3233.

Pole Buildings 24'x40' completely erected \$4,399.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Anytime. Material Only Packages Available.

Redwood framed glass greenhouses for sale. 42'x22', 26'x16', 75'x28'. Prices are negotiable. Call 717-436-2835

Solid Oak church pews, good condition, 11 benches, 7'6" long, 11 benches, 10'8" long, 1 bench 6'1" long. Best Offer. For more information call 717-626-6454.

SLIGHT PAINT DAMAGE. Flashing arrow sign \$285! Lighted, non-arrow, \$265! Unlighted \$239! Free letters! Few left See locally
1 (800) 423-0163
anytime.

Fencing 325' coils. All 9-gauge, 4' high each \$100 or lot; 33 coils, \$3,000 cash. After 6PM, 215-286-5059

Fischer Fireplace Insert, like new, \$500. 301-836-7402 or 301-452-8698.

THE DRY TOILET

Self-Contained Composting Toilet Needs No Water Or Chemicals

Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge

• Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space



Pump Services, Inc.

157 Knoxlyn Rd., Gettysburg, PA 17325
(717) 334-0224 or (800) 242-3909

Large Quantity Of Used Galvanized Pipe In Like New Condition

1" 20¢ Per Lb.

2,000 Lb. Or More 16¢ Per Lb.

PAUL B. ZIMMERMAN, INC.

295 Woodcorner Rd., Lititz, Pa. 17543
(717) 738-1121

35

TRUCKS AND TRAILERS

33 RECREATIONAL VEHICLES

For Sale: Aristocrat camper. Sleeps 6, gas stove, gas furnace, enclosed bathtub and shower, awning, good condition 717-799-5306.

34 AUTOS

1978 Chevy window van, 30 Series, 350 motor, PS, auto., AC, good condition, \$2,475. 717-374-1958.

1980 Buick Park Avenue, loaded, like new, no rust. 717-745-3237.

'79 Buick Sedan, 40,000 miles, black, excellent condition. Must see. 717-627-0200.

Wanted: 1965-73 Ford Mustang, any condition, will travel. 717-244-8143. York Co

35 TRUCKS AND TRAILERS

1973 GMC 4WD pickup, blue, V8, auto., PS, 89,000 ms., \$1,595. 717-374-1958.

1974 Ford 4x4, 6-cyl., 4-spd., looks & runs good, \$2795. 8 miles from Strasburg. 215-593-2849.

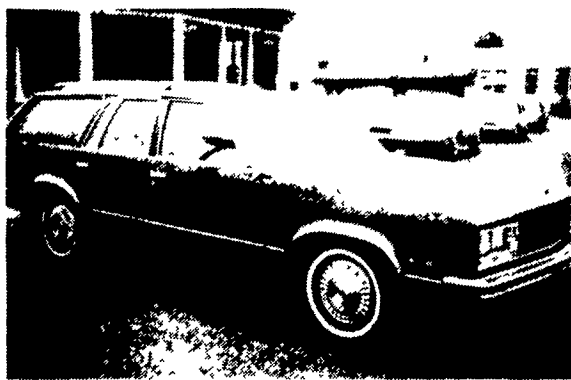
1974 White tractor w/290 Cummins engine, power steering, 12,000 front axle, 38,000 lb. rear axle, Wetline, A-1 condition. 215-588-7346.

1980, 26' gooseneck flatbed Jiffy trailer, 2 axle, w/slide-in ramps. \$2,800. 301-343-0437.

1984 3/4 ton 4x4, 350, AT, PS, PB, 20,000 miles, \$9800. 717-582-4398 or 717-582-2942.

SEE EBERSOLE'S FOR DEPENDABLE TRANSPORTATION

OVER 300 NEW AND USED CARS AND TRUCKS IN STOCK



1983 Chevrolet Malibu CL Station Wagon Air Conditioning; V-6 Engine; Roof Rack; Rear Defroster; AM-FM 53,000 miles; Clean Car. Stock #505410C.

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1982 Datsun Maxima 4 door Sedan Diesel; Automatic Transmission; Air Conditioning; P/Windows; P/Seat; Stereo, Two-Tone Finish and Much More. Stock #335695A

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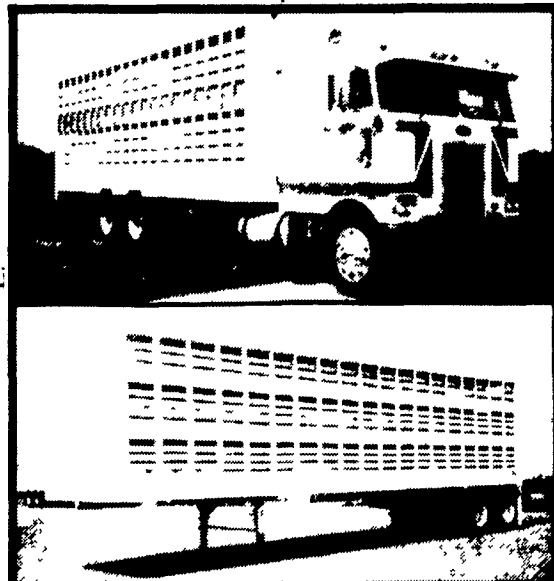
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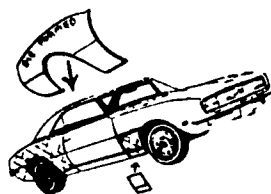
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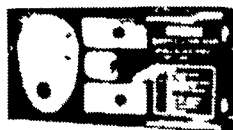
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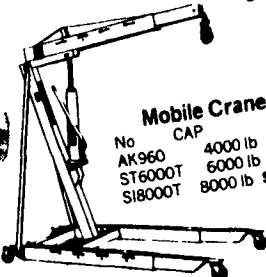
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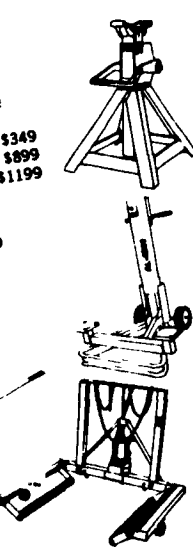
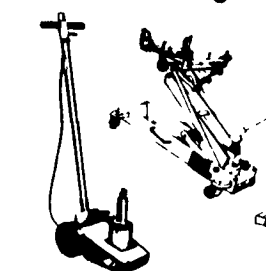


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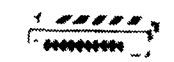
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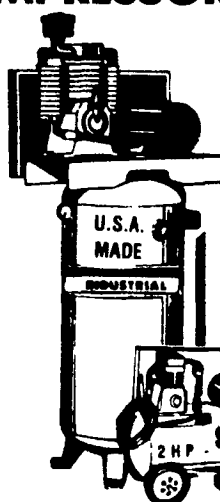
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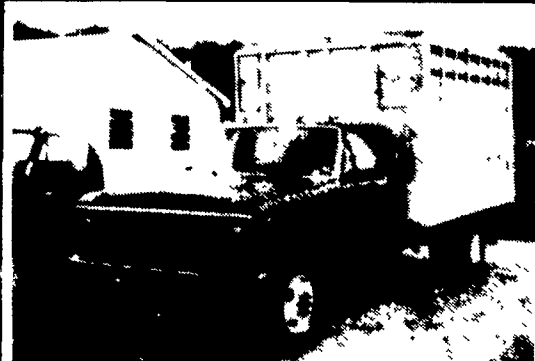
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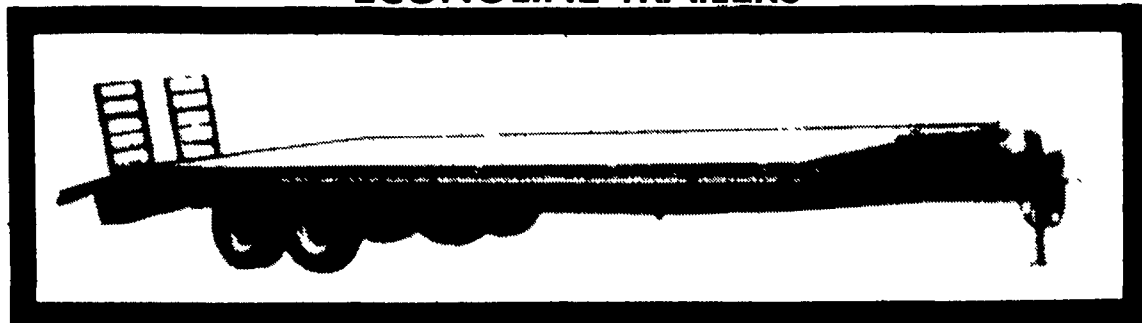
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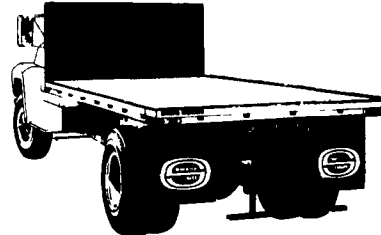
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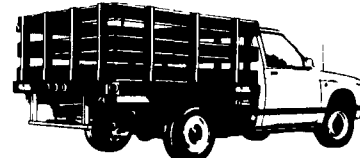
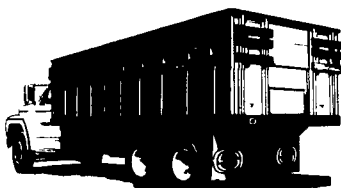
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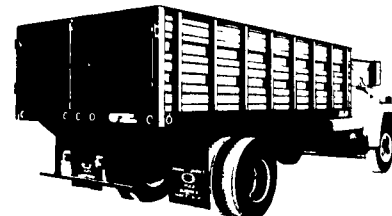
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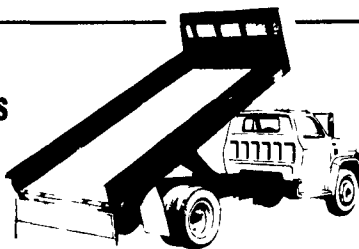
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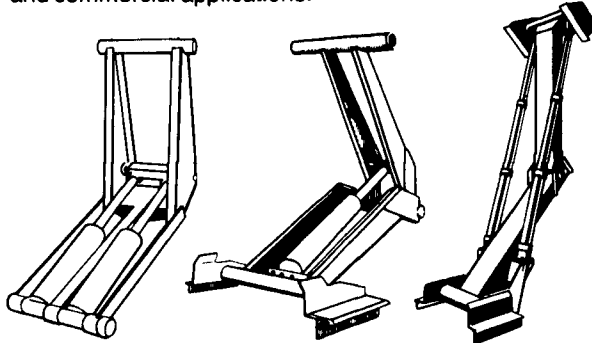


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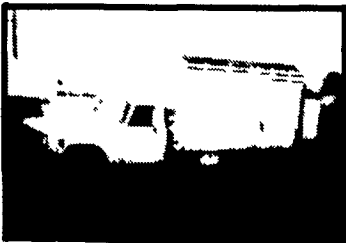
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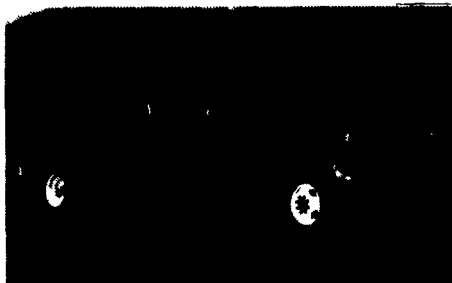
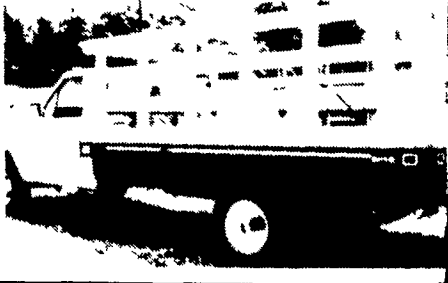
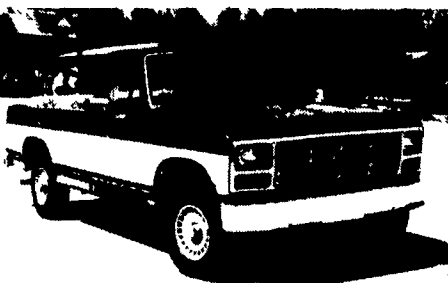
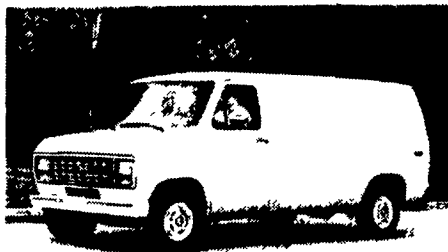
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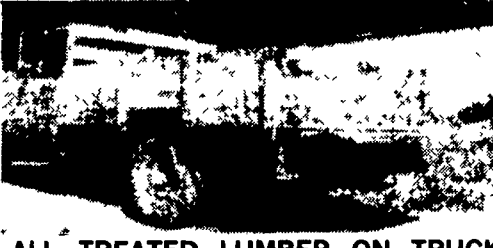
35 TRUCKS AND TRAILERS

Three 40' Fruehauf trailers for sale. New tires, new brake lining, ready to go. Make offer on one or all three. Call 717-438-3737.

78 PETERBILT COE

400 Cummins engine approx 560,000 miles. radial tires \$21,000
215-286-9510

SUGAR VALLEY WELDING SHOP
LOGANTON, PA 17747
PH: (717) 725-3882 Between 7 AM And 7:30 AM Only



ALL TREATED LUMBER ON TRUCK BED. GUARANTEED 30 YEARS. SWING DOWN ENDGATE

WE TRADE IN TRAILERS & SELL USED TRAILERS



CALL FOR BEST PRICES
5th WHEEL-GOOSENECK-HOT SHOT TRAILERS - TANDEM-TRI AXLE-TANDEM-DUAL (Any length & size)

CUSTOM BUILT TRUCK BEDS with hydraulic dump, racks or sideboards, your choice of metal or wood floors and sides.

WE'LL CUSTOM BUILD TO YOUR SPECIFICATIONS!

36 REAL ESTATE

FREE CATALOG! Describing numerous PA farms, camps, acreage, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044. 412-443-1200, IN PA 1-800-922-1235.

Good location, small feed mill in Carlisle area, Cumberland Co. Includes hammermill, mixer crimpers, grain dryer elevator & more. Call Hooke Lebo & Stewart, Realtors, 717-243-4929.

If you are planning to buy or sell your farm, call Lawrence Stouffer, our farm manager at Heyworth Realty, 301-733-3701 or 717-597-2584. We have qualified buyers.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Jefferson County, NY. 325 acre dairy farm, 270 acres tillable, 110 free stalls, double 4 herringbone parlor w/automatic take-off. Computerized 2 grain feeding system. 2 silos, 1 mast-leplay sealed storage, heifer barn, 2 houses. \$195,000. Beautiful location on Chaumont Bay, Lake Ontario, NY. Cows and machinery available. Also 2500' of waterfront property available. 315-649-2702 between 8 & 10 p.m. or write: Robert Fournier, R.D.1, Box 233, Chaumont, NY. 13622.

Lebanon County Limestone Dairy Farm For Sale. 69 acres, 3 silos, equipment shed, stone house and pond. \$275,000.00 Call 717-949-3134 before 8 AM.

Lycoming County, 82 acre river bottom farm, located at R.D.3, Muncy, 2 1/2 story frame house having 1 1/2 baths, oil hot water BB heat & attached garage, large barn, wagon shed, misc. outbuildings, well water & septic system. 717-584-3806 or 717-546-5708

Potato Farm: Top farm, top season. 650 acres, storage, packing shed, tool shed and shop, plus four bedroom home. Field tilled and stone picked. Accessible via interstate 390. Only \$475,000. Owner financing. Century 21, The Lane Agency, 607-776-7682.

Privately located, 126 acre farm near Watkins Glen and Seneca Lake in NY. Beautiful home, excellent for Bed and Breakfast. Barns suitable for horses, beef or dairy. 607-243-7496 after 6pm.

RESTORED LIMESTONE FARM HOME: Early 1800's, 10 rooms, 2 baths, center hall, 4 fireplaces. Natural wood finish & exposed beams throughout. Limestone barn, 138 acres (rented out). Secluded at end of dead end township road. Carlisle-Shippensburg area. By owner. Evenings, 717-776-7187.

Sale By Owner: Hotel, Bar, Restaurant Complex w/50 plus acres & 1600' road frontage, on US Rt. 6, 12 miles West of Wellsboro, in beautiful Tioga County. Lots of potential, priced for quick sale. Call or write for brochure. Mt.-Tom Villa, Box 484, Wellsboro, Pa. 16901. 717-724-5361 or 2659

For Sale: Dairy Farm, 284 acres, 160 tillable, 64 stalls, 1,000 gal. tank, large barn, equipment storage, 2 large homes, buildings in good condition. Lycoming County. Write: Jacob Esh, R.D.1, Trout Run, Pa. 17771.

For Sale: North Central Tioga Co., 112 acres, 60 tillable, 40 pasture with stream, 12 acres woods, 4 bedroom home, 2 car garage. Dairy barn burnt as of June. Two 16x50 concrete silos in use, \$80,000 negotiable. 717-549-5572.

Dairy Farm: Northern New York, FHA approved. Farmer needed. \$10,000 cash & take over. Respectable farm. 315-328-4646.

FARMLAND WANTED: Major seed company needs 60+ acres of highly productive farmland in western Lancaster County for research. Level, uniform, deep soil with good drainage. Desires long-term lease and/or purchase option. Reply to Lancaster Farming, PO Box 366-A-92, Lititz, PA 17543.

Do you want to sell your farm or land?
I have some excellent contacts.
Are you looking for a farm or land?
Let me help you. I have over 20 years experience and know values.

VanCleave Real Estate
915 Mondale Rd
Lancaster, Pa. 17601
717-392-3032

KEYO
REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster

York County - 910 Acre Farm High Producing Soil, 4 Homes, Large Barns, Grain Bins, Milking Parlor Assumable Mortgage L-4954

Other York Co. Farms: 75 acre alfalfa, New 2,000 sq ft Cape Cod home L-5201-14 \$210,000

34 Acre Gentleman Farm, near Hanover, PA L-5231-15 \$130,000

717-632-6400

Are You Interested In Days Gone By? How About This 72 Acre Farm in the Ellmsport area? With 4 bedrooms plus a master bedroom w/dressing room, the house is partially restored. A large barn awaits to be used again.

Call Jones Real Estate
717-546-2276

For Sale: Productive 98 acre hog farm, breeding to market operation, large 9 bedroom remodeled farm house. ERA Brownstone Real Estate. 717-273-9366

For Sale: Well established layer farm, housing 60,000 hens, fully automated, perfect location to markets. ERA Brownstone Real Estate. 717-273-9366

FREE CATALOG #56 Farms, Homes & Businesses in 15 States. American Farm Digest 3546 Watson Rd. St. Louis, MO 63139 **800-325-9943**

FOR SALE BY OWNER YORK COUNTY
25 acres pick your own berry farm & equipment, complete farm under solid set irrigation, 2 ponds, 10 acres of strawberries, 4 1/2 acres raspberries, 1 acre blueberries, 1 acre asparagus, numerous fruit trees, large brick 4 bdr. house, bank barn, large equipment & work shed, other outbuildings, 1,600' hard road frontage, good location to expand into other businesses. Reasonably Priced. Open for negotiations. Retiring.
717-637-3218

Snyder County 130 acres, 90 tillable, 3 BR home, pond, barn for steers. \$175,000.

115 acres, fruit farm, 2 homes, barn. Will subdivide.

130 acres, 105 tillable, 2 homes, barn for steers.

145 acres, 100 tillable, 12 room home, and barn.

125 acres, house, barn, and cabin.

Exceptional 2 story home with stables & pasture. Very private. 4 acres. \$159,900.

Union County 56.5 Acres, 45 tillable, 2 1/2 story log home, barn, straw shed, silo and other outbuildings. Very private. \$88,900

18 acre mini farm, house, barn, workshop. Union Co. Would be ideal for nursery or horses. \$79,500.

Integrity Real Estate
717-837-1061

Dairy Farm, approx. 95 acres, New York State, Wayne County, between Clyde and Lyons. \$82,000. 717-859-2393 or 315-946-4629

CHRISTIAN M. MOSEMAN
Real Estate Broker
James L. Marsh
717-529-2678

520 acre Dairy and Layer Poultry Farm (east of Halifax) Dauphin County Silos Two Dwellings A going farm Tillable and some woodland

50 acre woodland and some tillable overlooking Walker Lake near Troxville Snyder County

80 acres general farm West of Newville Cumberland County creek frontage 2 1/2 story brick home three bedrooms HOUSE 150 YEARS OLD Bank barn 40 acres tillable

98 acre dairy south west of Carlisle Cumberland county 5 bedroom dwelling log and frame 36 tie stalls in dairy barn Metal beef barn 80 acres tillable 15 acres pasture stream wooded

108 acres dairy N/W Ship pensburg Cumberland County 2 1/2 story brick dwelling 4 bedrooms 27 tie ins loose housing Tillable 96 acres some woodland

1 1/2 acres N/E of Hershey Log and frame dwelling 4 bedrooms New oil H A furnace Two coal & wood stoves wooded surrounded by State Land Your own mountain spring water plus a well

165 Acre General Farm near Turnpike exit 14 Willow Hill Franklin Co Pa Six bedroom dwelling frame bank barn and silos

2 acres Motel on Route 72 at Turnpike exit 14 Willow Hill Franklin Co Pa 10 units One bedroom apartment with office all electric heat

Other farms in many counties available

CHRISTIAN M. MOSEMAN
734 Main St., Akron, PA 17501
PH: 717-859-1004
24 Hour Service

★ ★ ★ ★ ★ ★ ★ ★ ★ ★
STAR REAL ESTATE
Irv Boyer - Realtor
Lock Haven, Pa.
717-748-9519
NEW LISTING

★ CLINTON CO.: East End, 130 Acres - Bank Barn 45x74 ft w/Brick silo Plus equipment shed, poultry house, smoke house etc Nine (9) room plank home, very large modern kitchen Home in excellent condition

★ CLINTON CO.: Gallagher Twp Farmers and Sportsman. 165 Acres woodland with old Rustic Camp No electric, spring water, plenty of Deer, Bear, Turkey Only \$78,438 00 to settle estate

★ Evenings
★ **717-726-6396**
★ **717-748-5222**
★ **717-725-3346**
★ ★ ★ ★ ★ ★ ★ ★ ★ ★

DAIRY FARM IN DALTON, NEW YORK: 296 near level acres, 54 stall modern dairy barn, bunk feeder, 2 silos-one nearly new, heifer barn, machinery shed, and good house. 302-629-7684.

98 Acre Farm: Bradford/Tioga Co. Barn w/28 tie stalls, 4 large box stalls, 3 large tie stalls. House has 5 rooms & bath, full cellar. Close to town, churches, schools. 717-673-5893.

160 ACRE DAIRY FARM In Juniata County
105 Acres tillable, balance of pasture & woodland, 2 story frame house, bank barn with 43 stalls & gutter cleaner, pipeline milker & 2 silos. Modern milkhouse with 900 gallon bulk tank.
717-463-2451

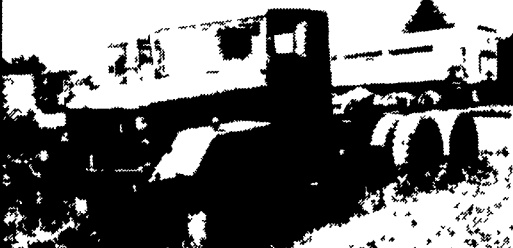
FOR RENT
Dairy Farm Buildings and House. 60-80 Cows, Free Stall.
Lancaster County.
717/284-2580

ELIZABETHTOWN AREA
66 Acre General Farm, bank barn, 2 1/2 story brick home, creek frontage, beautiful setting, asking \$225,000.

MT. JOY AREA
Layer operation with cages for 22,000 layers. 40x400 Building with cooling room and all equipment. Modern 3 bedroom ranch home. Priced at \$125,000 with 2 1/2 acres. Up to 45 additional acres available.

Call CENTURY 21
AUTREY, HOFFER, ZINK
Agent, Walt Heisey 717-367-2362

BEDFORD COUNTY DAIRY FARM
111 acre. Barn with 45 stanchions, Universal Pipeline, 3 silos, loafing barn. 2 houses, both in excellent condition. \$290,000. Owner financing available at 20% down.
814-766-3373
or **717-569-2335**
After July 6



ARMY 6 Cyl. Chevrolet, 6x6, 6 Ton, Winch, 5x2, Takes 16' Body, Runs Good, \$2,000.00.
814-793-2829
814-793-4481

COUNTRY PROPERTIES
G.D. Hannum, Realtor - Unionville, Pa.
Western Chester County...
Two farms available totaling 243 acres. One farm consists of 93 acres with stone residence c. 1710, large bank barn, and excellent spring offered at \$335,000. Adjoining is a 150 acre farm with 150 year old stone/stucco farmhouse, tenant house, two barns, springhouse, and pond for \$460,000. Both properties are good, productive dairy and farming operations. Considerable road frontage with each.
Please Contact: Hale Truitt
215-347-2065 or 215-869-9310

LARGE SELECTION OF SHOWPLACE DAIRY FARMS
And Others In The Mohawk Valley and Central NY
- OVER 200 FARMS AVAILABLE -
SEND FOR BROCHURES
Farm and Rural Property Specialists
Homestead Realty
Aurriessville Road RD 1
Fultonville, NY 12072
(518) 922-6301 OR (518) 922-8899

FOR RENT: 11 acre
pasture w/never failing
stream, near Hershey, Pa.
717-838-1529

FARM FOR SALE OR RENT

Dimock, PA. Susquehanna Co., 48
Acres, 2 concrete buildings, 130,000 sq.
ft., high ceiling, concrete floor, good for
raising hog, swine, turkey, chicken, calf,
or any other animal. \$695,000 with
some owner financing available.

Call Captan, 201-567-3564

or write

PO Box 8154, Englewood, N.J. 07631

STAUNTON, VIRGINIA

TRAILS END FARM - First time offering
on this magnificent Augusta County
farm. This unique property offers 187
Acres with 2 streams, barn and 4BR, 2
bath farmhouse. 35 wooded acres and
over 90 acres of level tillable ground -
balance in good pasture. Great privacy
yet minutes to town - Ideal for horses -
Ideal for a lake. Own your own valley for
only \$190,000.

Call **Mint Spring Realty Co.**
703-337-4229

WIMPLE ASSOCIATES
COBLESKILL AREA

PRETTY SETTING... 100 COW BARN on this 300
acre farm not far from town with 170 acres tillable.
Very good barn with 130' new addition has 60 ties
and 40 stanchions, Universal pipeline, 2 Patz
cleaners, 20x60 and 16x45 unloading silos. 20x60
heifer barn. Very nice 2 family Colonial home
INCLUDES: 70 Eastern bred milkers, 60 YS,
(16,800 lb. herd), 4 tractors and full line of
machinery for \$350,000 JUST LISTED! CALL
WIMPLE'S SLOANVILLE OFFICE 518-875-6355

DELAWARE COUNTY

GOOD FARM INVESTMENT in a very scenic area
155 acres with full season stream running
through. Exceptional wood pegged barn has 70 tie
stalls and 2 good concrete silos. new heifer barn.
Attractive 10 room remodeled Colonial JUST
LISTED! \$105,000 with 25% down CALL WIM-
PLE'S SLOANVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

"THIS FARM WILL EVEN GROW SPAGHETTI"...
well, almost 74 acres near the Pennsylvania line
has 30 acres of woods and the balance mostly
tillable. Very high state of cultivation, owner
quotes 20 tons corn/acre. Ideal for vegetables.
Good 40x210 barn has 52 ties, cleaner, 500 gallon
tank, (8) 12x12 block box stalls, big corn crib. Nice
4 bedroom home, well insulated 12x60 mobile
home for rental income. CAN'T GO WRONG FOR
\$59,900 For appt call 607-792-3355 or WIM-
PLE'S SLOANVILLE OFFICE: 518-875-6355

FREE DAIRY CATALOGUES**PENNA FARMS**
FRANKLIN CO.

Limestone Soil 5 acres to 175 acres You decide
Double four Herringbone parlor, 4 in line milking
units, bulk tank, 40x80 lagoon, 50x80 bank barn,
96 free stall pole barn, 2 family dwelling (stone and
brick), each 3 BR - Never failing spring

119 Acre Limestone Soil, 40 tie stalls 2" pipeline
milker, 600 gal. tank, 2 silos, 1 remodeled 5 BR
frame dwelling (2 family potential), seasonal
stream, road frontage. Beautiful setting

107 Acre General, 86 acres tillable, 10 pasture, 8
wooded, large bank barn, wagon shed with at-
tached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

165 acre modern dairy farm, double 4 Herring
Bone parlor, 99 free stalls, 2-20x60 Stave silos
w/unloaders, implement storage, road frontage,
MODERN 3BR dwelling w/fireplace and family
room, attached 2-car garage

95 Acre General Farm, 2 story Colonial brick and
aluminum dwelling w/brick fireplace and car port
Nestled among the trees. Secluded from neighbors
but adjacent to mountain for the individual wishing
to have horses for riding. Fertile sandstone soil, 20
acres wooded w/timber, large horse barn w/16
stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

**** SNYDER COUNTY FARM:** 200 + acre farm
with 152 tillable. Bank barn, flat barn, 2 old houses
which need work. Adams Twp. near Troxelville.

**** MARKET & AUCTION BARN:** Northumberland
County 22,684 sq ft One story frame building on
3 scenic acres. More land available

**** OPERATING DAIRY FARM:** With 186 acres, 2
frame barns, 2 CB pole barns, 1 metal pole barn,
60,000 bushel grain dryer, 4 Harvest silos and
31,000 gal Slurrystore. Near Turbotville, on Rt
54

**** SNYDER COUNTY FARM:** "CRYSTAL SPRING
FARM 164 acres-presently leased. 107 tillable
average corn yield - 70 to 90 bu/ac 10 pasture &
46 woodland Bank barn & silo Two dwellings. 4
BR brick house with 2560 S.F. and 2 story frame
rental. Various outbuildings & 2 car garage

****SNYDER COUNTY:** Total 61 acres with potential
of 116 developable homesites, of which 43 have
been approved by planning comm. Public water
and sewer available. Possible owner financing.
Middlecreek Twp

**** SNYDER COUNTY:** Gentleman Farmer -
elegant country estate with barn for horses and
117 acres M/L Colonial style 3 BR home with fine
features

Ask for Arthur F. Bowen

Business 9:00-6:00 (717) 743-2165
Home: (717) 743-7556

**BOWEN AGENCY, INC.**

Courtyard Office Suite 110
Box 1, Selinsgrove, PA 17870
(717) 743-2165

FARMS OUR SPECIALTY!

#611 Needed Ambitious Buyer - for 630
acres, 450 tillable, gently rolling land.
Presently being operated as a dairy and
cash crop farm. 70 stall conventional
barn, new ranch home, two other
houses, nice location. Owner retiring, will
finance with reasonable down payment.

#663 - Showplace Farm - Buildings set at
end of long driveway. Modern four
bedroom ranch home surrounded by
shade trees, private setting. New 36x180
two story 70 tie stall barn, silos, two story
heifer barn, 450 acres of land.
Everything in top condition. \$300,000.

**Needed buyer wanting to milk cows and
buy crops.** Buy crops less than you can
grow them. Modern 80 cow tie stall barn,
big stalls, pipeline, silos, hay storage,
heifer barns, 80 acres of pasture, 3
bdm. home, nice location. Pay for this
farm in ten years.

We list only the best!

POSSON REALTY

R.D. #3

Norwich, NY 13815

(607) 334-9727

**SECLUDED CAMP ON 2.5 WOODED
ACRES** 1 Lg. room with 2 8x24 ft. por-
ches, could be enclosed, 100 amp SVC,
Anderson windows w/screens, plumbing
roughed in, excellent maintenance free
construction. Adjoining Tioga State
Forest, Baldwin Run area. See this one
quickly, \$27,000. W-1121.

**FOR THE WOULD BE GENTLEMAN
FARMER** 90 plus acres, 2 story, 3
bedroom older home and garage. Barn, 4
chicken coops and ice house. Very nice
setting with stream in rear. Hard surface
road in front. Some appliances included.
\$69,900. W-1132

TREE FARM. Plantation of Douglas firs,
approximately 10,000-12,000 trees. 3
year seedlings planted in 1980, 1982,
and 1984. Large portion of the 41 acres
remaining for additional plantings.
Gently sloping land just outside
Wellsboro. Prime area, over 800 feet of
road frontage, \$83,000. W-111

WELL RUN BUSY CAMPGROUND. 22
acres with bath house, camp store,
weekend entertainment, many other
close by attractions. Sites w/hook-ups
plus tent sites. Beautiful views. In-
vestigate this one quickly, Tioga area
\$164,000. W-1115.

**THE REAL ESTATERS OF WELLSBORO**

East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list

**OVERLOOK HAMMOND
LAKE** from deck of new
2 car ranch home. Sail-
/swim/fish or hunt on
State Game Lands 1.5
ac. lot for elbow room.
Retire to mountains
\$59,900. (M1779)

**RETIRE ECONOMIC-
ALLY** conventional 2
story in small village
Low taxes \$24,900 OR
a 3 BR home in a college
town for \$35,900
(M1788, 1784)

CHALET on your own
14 acre mountain-top
Views everywhere &
very private. Put your
feet up to fireplace for
\$55,000. (M1772)

104 WOODED ACRES.
one nice field for your
needs, 3 BR mobile
w/all utilities \$40,000
(M1748)

**FREE LISTS -
CALL/WRITE**

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

CAMP on 15 acres
Thousands of acres of
State Land in area
\$19,900 (W113)

220 WOODED ACRES
adjoins State Land on
two sides. Trout stream
Won't last long \$93,500
(\$425/ac) (W121)

BUNGALOW near State
Land & Trout hatchery.
Permanent or retreat
\$29,500. (W1270)

34.14 ACRES w/2
small streams \$15,000
(W1040)

**COLONIAL FARM-
HOUSE**, 136 acres, 2
barns, pond & trailer,
even a camp in the
woods, outstanding
views & v private
setting, \$104,000.
(W1039)

**JUG MILK PROCESS-
ING** plant, outlet store,
dairy barn & farm
complete w/home. A
rack route included,
going business
\$275,000. (D489)

**MANY, MANY MORE
CALL/WRITE**

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

AFFORDABLE - older
gas heated home, some
repairs done. Extra
large lot. Partial new
roof. Ideal retreat or
rental \$16,250 (D486)

**BUDGET SPARING 3
BR** vinyl sided home,
small town locale. Great
for retirement. Close to
new recreational dams
\$34,900 (D480)

SCENIC VIEWS - 10 ac
with drilled well,
open/wooded. Excel-
lent hunting and fishing
area. Either build or set
a mobile on this scenic
lot. \$11,500 (D451)

RETREAT 109 acres, 2
ponds, 3 BR camp
overlooks valley.
Situated in Harrison &
Hector Twp. Mostly
wooded. Also borders
Hammermill Paper Co.
OWNER WANTS AN
OFFER \$74,000 (D434)

**CALL OR WRITE
FOR FREE LISTS**

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222



**MACK B-42, 450 6 Cyl. Gas, (Red
Diamond) 5 Speed, 44 Mack
Rears, 3100 Gallon Stainless
Steel Tank, \$8,500.00.**

814-793-2829

814-793-4481

FOR SALE BY OWNER

167 acre northeast Pennsylvania
modern dairy farm. Mostly tillable
w/2 houses, nearly new free
stall & dry cow facility, 4 silos
w/unloaders, automatic feeding,
double 6 totally automated
parlor, 1500 gal. bulk tank, large
new machine shed, 150 head of
cattle, some machinery included.

717-222-4432

LEBANON COUNTY

Farmers interested in a new business of sup-
plying the strong demand for lambs. Here is
the farm you are looking for, just north of the
Lancaster County line. 189 acres, 129 tillable, 60
acres pasture, large barn & house, beautiful
setting. Be sure and call about this one!

Other Lancaster County Farms Available

FARM & HOME REAL ESTATE

East Petersburg, PA
717-569-3992

Sylvester Baum	Jerry Groff	Harlan Keener
Carlisle	Mt. Gretna	Willow Street
717-776-3967	717-964-3746	717-464-2669

Broker - J. Irvin Denlinger
717-898-8962

NO DOWN OR RENT OPTION**Southern Northumberland Co.**

44 acre farm, 25 tillable, 2 homes - barn, stream.
20 Acre Farm, 4BR Home, large barn, stream &
pond.

50 Acres, no house, tillable, pasture & wooded,
stream & pond. \$39,000.

75 acre well-maintained Christmas tree farm, 1-4
yrs. old, Minimum 50,000 trees, 10 acres still
open, no house. \$150,000.

95 acres, 75 tillable, no house, \$1,550/acre. Lease
option.

Modern 200 sow farrow-to-finish Harvestore, 90±
acres, 2 homes, plus 17 acre apple & peach or-
chard, \$219,000. Owner Financing.

PETER B. CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Germany Valley

2 adjoining farms, totaling 316 acres, approx 1/2
tillable, has old stone house, large limestone
caverns over 200' long w/underground stream
coming out of ground w/trout reproducing in it.
Would make great recreational development or
farming \$850 per acre.

Dairy Farm

With 8 room & bath brick home, 136 acres w/ap-
prox 100 acres tillable. Limestone ground,
40x100' modern barn w/47 stanchions, 40x72'
free stall barn, pipeline milk system, 1200 gal. bulk
tank, 14x65' concrete silo w/unloader, 40x80' &
20x60' implement buildings w/corn cribs along
side, many other extras. Located in beautiful
Germany Valley, \$195,000

Southern Huntingdon Co.

Dairy farm, 175 acres w/150 acres tillable, large
barn w/44 stanchions, 2 nice homes, stream &
good spring on property. Many other extras
\$285,000

Colonial Real Estate Agency

814-447-5511

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the June 28 and July 12 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strosser (814) 364-1705 (Bedford) Richard D. Reed (814) 830-4271
Don Myers (814) 422-8111 (Shillingburg) Rachel Port (814) 680-4194
Mel Beckey (814) 466-6688

KISSINGER LEONARD & BROWER
Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brower, Realtor
245 S. Allen St.
State College, PA 16801
(814) 234-4000

REAL ESTATE AUCTION

SATURDAY, JULY 26, 1986 at 1 P.M.
MANSFIELD, PA. (TIOGA COUNTY)

THE BARDEN FARMS

Auction to be held under tent on O'Dell Road in Richmond Township appr. 3 mi. west of Mansfield. Follow auction arrows.

Includes 11 lots on the "CLEVELAND" farm 1 lot is 20 acres - 7 room house, barn, gas heat - minimum starting bid will be \$14,000.00.

10 other lots will be offered for sale from 3.06 acres up to 19 acres. Minimum bids on some lots will be as low as \$250.00 per acre.

These lots have been surveyed and all have percolation permits except 2.

"BARDEN" farm includes 7 lots. One lot is 4.3 acres with nice 4 bedroom house, modern kitchen, gas heat, garage, heifer barn, new pole garage and large lawn. Minimum starting bid will be \$29,500.00.

One lot is 25 acres with large dairy barn (cannot be used for dairy) ideal for storage, manufacturing horses, etc. New well, septic. Minimum starting bid will be \$600.00 per acre including barn.

Other 5 lots range from 10 to 13 acres and minimum starting bid on some lots will be \$300.00 per acre.

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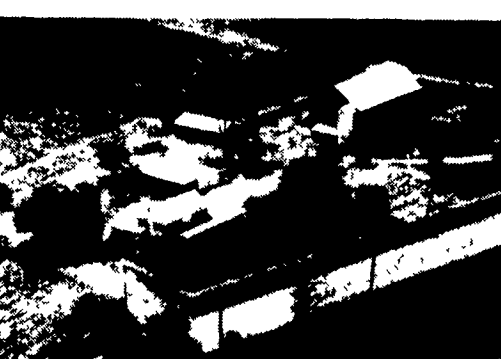
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SUSQUEHANNA COUNTY

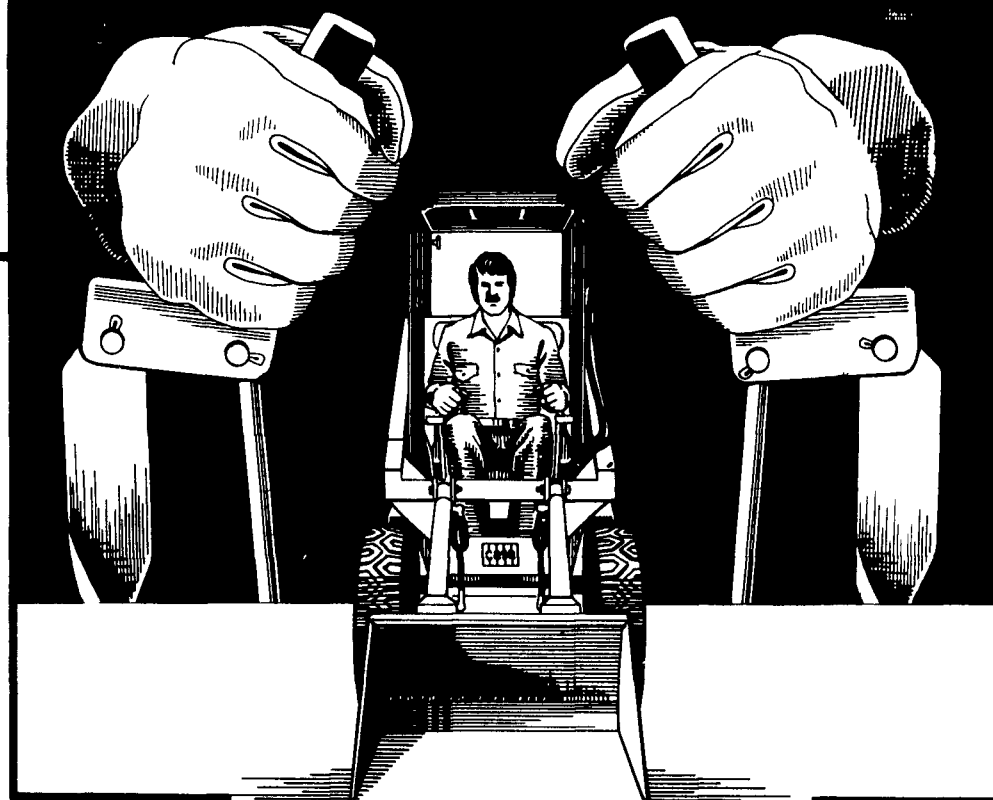
• 265 Acre modern dairy farm w/2 houses, 115 comfort stall dairy barn with pipeline milker, 2 large bulk tanks, barn cleaner, 3 large concrete silos, large free stall heifer & dry cow facility & large machinery shed, calf barn, lovely split level home features modern kit, formal DR, LR, family room, laundry, 2 baths, 4 BRs Large in-ground heated pool 2nd 2 story home, modern kit, DR, LR, family room, 3 BRs, 1 1/2 baths Also, large new trailer 200 Head of dairy cattle, modern line of machinery including several large tractors All for \$600,000

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Butler Dairymen Promote The Industry With Mall Promotion

BY BARBARA RADER

Butler County Correspondent

BUTLER — Butler County dairy farm families recently celebrated June Dairy Month at the Butler Mall, where numerous activities promoting milk were conducted.

Cheese and milk, along with T-shirts, hats, tote bags and REAL Seals were offered for sale daily. Free samples of milk punch, cheese, and cheese spreads were also available.

Kicking off the four-day event was the annual dairy foods cooking contest. The contest, conducted by Butler County home economist Delores Williams, included a youth category for the first time this year. Entrants were as young as 8 years old with a 12-year-old boy winning this division.

A special dessert recipe submitted by Joanne Fejko, Butler, won its division and was later selected Best Overall Recipe. (Turn to the Featured Recipe on page B6 for a copy of this treat.) She received a \$60 prize for her Eclair Dessert recipe.

Second place in the dessert category went to Kathryn Haney of Valencia for her Fudge Ribbon Cake and Chocolate Frosting. Kathryn also won in the main dish category with her Meatball and Cheese Bake, and a second prize in the miscellaneous category with Frosty Fruit Salad.

Kathryn had the most winning recipes in the contest. Her daughter, Anna, was a second place winner in the youth division with her Stuffed Shells entry.

Wanda Hixon, Butler, was an honorable mention winner in the dessert category with Jello Fruit.

Ryan Graham, Connoquenessing, was the youth division first place winner with his homemade Peach Ice Cream. The judges noted that although his recipe was the last to be judged, it held its texture, firmness and quality to the end.

Ryan's grandmother, Zella Graham, also of Connoquenessing, was a second prize winner in the main dish division with Creamy Chicken and Broccoli.

Honorable mentions in the main dish category went to Connie Prokopchak, Butler, with a Ham-Broccoli Casserole.

First prize in the miscellaneous category went to Riccili Kline of Boyers for her Cheesy Cheese Soup. Mary Sholes, Butler, received third place with Pasta Linguine Salad.

Copies of all recipes entered in the contest are available by contacting Mrs. Williams at the County Extension office or by phoning 412-287-4761.

Another contest that was part of the mall promotions allowed shoppers to get involved. Contestants were randomly selected from mall shoppers to try their hand at being blindfolded and feeding a partner across the table.

Participants were divided into age groups to indulge in eating ice cream. The team that finished eating first was named the winner. County officials and local radio personalities also participated in this contest. Valley Dairy provided the ice cream.

First place winners included: Melissa Wilson, Valencia; Glenna Walters, Cabot; Rene Rogers, Chicora; Matt Spinder, Lyndora; and Earl Stoops, Joan Chew and Lori Roch, all of Butler.

Second prize winners were: Eddie Smith, Petrolia; John Spinder, Lyndora; and Guy Travaglia, Rebecca Burns and Jim Green, Butler area.

Taking third place prizes were: Jason Double, North Washington; Pam Sheppeck and Debi Rowland of Chicora; and Ed Young, Aaron Adalza and Ronni Pawlowicz, Butler.

Two new contests were added to the agenda this year. Second grade students from Butler County area schools were invited to participate in a poster contest. WISR radio station helped conduct the contest. A grand prize was awarded during the mall promotion.

First prize went to Todd Graham, who received \$10 and a trophy from the county dairy promotion committee. Cora McKivigan, Greg Kellerman, Barry Blum and Marshall Karenbauer, all received high honorable mentions and T-shirts for their efforts.

Three Connoquenessing youths won the REAL Seal contest. Amanda Robson and brother and sister John and Sharon Rader



Four of the five poster contest winners model T-shirts they received as prizes and show their posters. Here they receive congratulations from Butler County Dairy Princess Carolyn Sheiver. From left are Greg Kellerman, Barry Blum, Marshall Karenbauer and Todd Graham. Missing from photo is Cora McKivigan.

collected the most REAL seals from dairy products; each one receive a T-shirt.

Winners in a calf naming contest were: W. R. Brandberg, Butler;

Michelle Brenckle, Harmony; Raymond Herold, Butler, and Sandy Monyak, West Sunbury.

The month's dairy festivities

concluded with an all-you-can-eat ice cream social and a farewell to present Dairy Princess Carolyn Sheiver at Butler Community College.

W. Virginia Dairymen Offer Free Milk at Mall Promotion

BY DEBBIE STILES-RENZI

West Virginia Correspondent

BRIDGEPORT, W.Va. — "Would you like some free chocolate milk? It's fresh from the cow," Becky Cronin told passing shoppers.

And she wasn't kidding; the milk the West Virginia Dairy Princess Committee was giving away in a recent promotion at Meadowbrook Mall was poured from large pitchers that resembled cows. The milk was furnished by Kroger's Dairy in Winchester, Ky.

Meadowbrook Mall, near Bridgeport, draws customers from a multiple county area. Situated in central Harrison County, it is one of only three totally-enclosed shopping centers in northcentral West Virginia.

This year, when the West Virginia Dairy Princess Committee decided to organize a milk giveaway promotion in connection with Dairy Month, Meadowbrook Mall seemed the ideal location in this part of the state.

"A mall promotion has never been done in this area before," explained Jo Cronin, secretary for

the committee. Together with her daughter-in-law, Becky, and Norma Payne, administrative assistant, Rural Resources Division of the West Virginia Department of Agriculture and dairy princess chaperone, she was one of the primary organizers of the promotion.

One committee display consisted of representative cartons and containers for milk, yogurt, cream, cheese, buttermilk and other milk products. Dairy recipe leaflets, a miniature red barn with Holsteins, kiddie stickers, rubber cow erasers and 25 gallons of chocolate milk to give away comprised the rest of the dairy presentation.

A highlight of the booth, constructed in the main hallway at about the halfway point, was the presence of 1985-86 West Virginia Dairy Princess Loretta Bane of Summit Point. She assisted committee volunteers in pouring milk, distributing favors to kids and drawing winners in a special giveaway each half hour. Coupons for free butter and cottage cheese, donated by Producers Dairy of Clarksburg, were the prizes.

Shoppers' reactions to the promotion were mixed. "It's free. That's what I like about it," joked one adult as he picked up a cup of milk and drank it on his way past the kiosk.

"I don't like chocolate milk," said one athletic-looking teen when asked.

"Milk's not that easy to give away," Jo Cronin acknowledged when the promotion was concluded. At mall closing time, the group still had about 12 gallons of milk left over. They distributed these to families with children leaving the mall, and the next Sunday, the remainder went to a children's Sunday school class.

What was heartening was the large number of young children wanting to drink milk. Sometimes the committee used a strategy to get them interested, such as handing them a rubber cow eraser, and then asking if they wanted a drink of milk. But most times, the children walking by the milk table were eager for a taste.

Organizers said some of the adults who took a cup admitted it was the first drink of milk they'd had in years.



Grand prize overall winner in the recipe contest, Joanne Fejko of Butler, proudly displays her family's favorite dish, Eclair Dessert.



West Virginia Dairy Princess Loretta Bane mans the milk table as another tot finishes up her chocolate milk.

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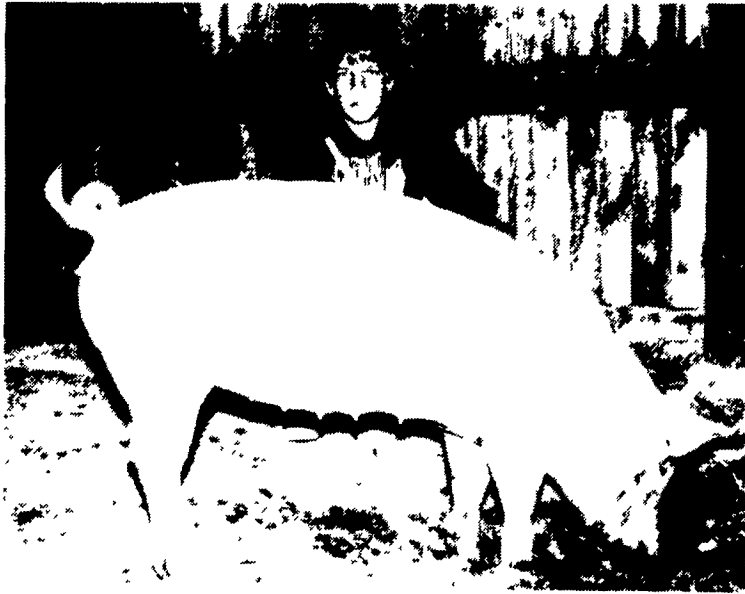
Lycoming County Youth Prepare Entries As Fair Approaches

BY BARBARA MILLER
Lycoming Co. Correspondent
HUGHESVILLE — Members of
Lycoming County 4-H Clubs are

grooming their animals in
preparation for the 116th annual
Lycoming County Fair to be held
here July 10 through 19.



Doug Marquardt, a member of the 118 4-H Ag Club, is preparing his steer Shadow for the upcoming Lycoming County Fair.



Chris Snyder, a member of the 118 4-H Ag Club, poses with his gilt Lily.

Raising lambs as projects are two members of the Little Muncy Creek 4-H Club, Krissy Girven, daughter of Mr. and Mrs. Jim Girven, Muncy; and Mariah Peterman, daughter of Mr. and Mrs. Stephen Peterman, Hughesville.

Eleven-year-old Krissy, a veteran 4-H'er with a previous lamb project and several garden projects to her credit, said she chose a lamb "because a lamb's the cutest animal."

"I don't like to pull weeds," Krissy continued, weighing the pros and cons of her projects, "but I don't have to give my garden a bath or clean it." She concluded that she prefers raising a lamb to tending a garden.

Does Krissy, who won first prize with her lamb last year think she will win a prize at the fair this year? "Yes," she replied confidently.

For Mariah Peterman, 8, this is her second lamb project. Concerning the training of Ivory, her lamb, Mariah reports, "I am trying to train her so when she steps she puts her feet where they belong."

And is Ivory able to do this yet? "Every now and then she does," Mariah admits honestly.

Mariah won a prize last year at the fair and hopes to do the same this year.

This is the fourth year that Chris Snyder, the 13-year-old son of Mr. and Mrs. Keith Snyder, Lairdsville, has entered a swine project. As a member of the 118 Ag Club, Chris won the reserve grand champion prize for showing his hog two years ago.

One might say Chris began his current project on a cold January day when for the first time he helped deliver a litter of pigs on his parents' farm. Out of a litter of eight he chose two gilts to raise as his 4-H project.

He chose Flo and Lily, the gilts,



Krissy Girven, left, and Mariah Peterman, right, pose with their lambs Ivory and Gabby. Members of the Little Muncy Creek 4-H Club, the girls are preparing their lambs for the Lycoming County Fair.

Chris says, "because they were bigger and had wider backs than the barrows." But now, according to Chris's mother, Chris is having second thoughts about his choice because the barrows are looking a little better than the gilts.

In addition to his pigs Chris is raising two steers this year and says he prefers raising steers in some ways.

"But pigs are easier to raise and to win money with because they don't require all the care of a steer," he observed.

Chris says he likes the rewards of showing pigs at the fair, "The money and fun," as he terms it, but he could do without other aspects of hog raising such as cleaning pens.

Doug Marquardt, son of Mr. and Mrs. Robert Marquardt, Hughesville, is raising Shadow, a Chianina-cross steer as his 4-H project. Doug, 12, is a member of

the 118 Ag Club and took reserve grand champion with his steer last year.

The hardest part of training a steer, according to Doug, is halter breaking him. Setting them up or getting them to stand properly, is about the easiest thing to teach, he added. Since Shadow arrived last mid-October, Doug has been working with him in a vacant barnyard.

Although Doug feeds Shadow "special ingredients" in addition to corn, oats, and hay, Doug says, shadow isn't as heavy as he'd like him to be. Doug notes he would be more optimistic about his chances to win a prize if Shadow puts on a little weight.

What is it Doug enjoys most about raising animals for 4-H? "Winning prizes," he states unequivocally. "And meeting new friends," his mother, who is sitting nearby, reminds him.

Adams Dairymen Learn Manure Spreader Calibration

BY GINGER SECRIST MYERS
Adams County Correspondent
NEW OXFORD — A manure spreader calibration demonstration may seem like a different topic for a Holstein Twilight Meeting, but the Adams County Holstein Club featured just such a program for its summer meeting held Thursday evening, June 26, at Zeppdale Farm, Norman and Alan Zepp, New Oxford. This father and son operation includes a 100 cow Holstein milking herd and 475 acres of crops.

Featured speaker for the evening was Mitch Woodward, manure management project associate with the Penn State Cooperative Extension Service. Based in Lancaster County, Woodward's responsibilities extend to a six-county area in which he is involved in animal waste management programs and research under the direction of the Pennsylvania Chesapeake Bay Water Quality Project. This project is a cooperative effort funded by the Department of Environmental Resources and related State and Federal agencies and organizations.

Woodward told the dairymen that proper manure management has dual benefits for both their wallet and their farms. Since manure is the cheapest fertilizer on the farm, proper application can save the farmer cash on his commercial fertilizer purchases. Determining the manure's worth depends on the individual needs of your land. The average dairy manure contains 10 pounds of available nitrogen per ton, three pounds of phosphorus, and five pounds of potassium. If these inputs are valued at 23, 24, and 12 cents, respectively, then that

manure is worth \$3.62 per ton. If all the nutrients are not needed by a particular plot of ground, then the value of the manure will be less. Woodward notes that poultry manure has three to five times the nutrients available in cow manure. Moisture levels should also be taken into account since the more moisture, the lower the nutrient content of the manure.

A second goal of a manure management program should be to help maintain a farm's water quality. Woodward cited Lancaster County as a prime example of a location where they have more nutrients than they know what to do with. He notes that it is a unique situation due to the lack of existing research in this field. The water quality project hopes to attain some feasible control measures on rate of application and run-off. Woodward noted that 30 percent of the farm wells in Lancaster County are now polluted with nitrates and coliform bacteria to the extent that they are unfit for consumption.

Before actually calibrating your spreader Woodward recommends first determining the rate of application needed. This should be determined by testing your soil for nutrients already present, testing your manure for its nutrient content, and then projecting your crops' needs based on yield goals. You also need a plastic sheet, a set of scales, and a bucket. Detailed information sheets on the procedure and rate of calibration for calibrating either solid or semi-solid manure spreaders or liquid spreaders are available from your county extension office or your county soil conservation office.

Solid Manure Calibration
Woodward proceeded with a

field demonstration for calibrating a spreader for solid or semi-solid manure. The following is an outline of the recommended procedure:

1. Weigh the sheet with the bucket.
2. Spread the sheet in the field and drive directly over it with the spreader in gear and the tractor up to speed.
3. Fold the sheet so as not to spill any of the manure and weigh the sheet in the bucket on your scales.
4. Subtract the weight of the sheet and the bucket as predetermined and this number is the weight of the manure caught on the sheet.
5. Repeat this procedure two or three times to determine an average weight.
6. Check the spreader calibration chart (Table I) under the size of sheet you used and the pounds of manure collected to determine your tons of manure applied per acre.
7. If the size of sheet you used is not on Table I, use the following formula to get the tons per acre.

$$\frac{\text{lbs. of manure} \times 21.8}{\text{size of sheet, sq. ft.}} = \frac{\text{tons of manure}}{\text{per acre}}$$

Liquid Manure Calibrating

A different method is used when calibrating a liquid manure spreader. Items needed for this include a tape measurer or yardstick and a string or rope.

1. Determine your spreader capacity by using Table II.
2. Tie a string around your tractor tire at the top of the tire. Mark the ground directly below the string and pull the tractor forward until the string is again at the top of

the tire. Measure the distance from the first mark to where the string now hangs to determine the distance travelled by one revolution of your tractor tire.

3. Spread the load and count the number of times the rope comes to the top of the tire. Multiply the number of revolutions the tire made to spread the load by the number of feet the tractor moved in one revolution. This gives you the distance traveled to spread the load.

4. Measure the spreader's application width in feet.

5. Multiply the distance to spread the load times the width the spreader covers. Divide that number by 43,560 (sq. ft. in an acre) to obtain the area in acres you covered.

6. To determine the rate of application per acre, divide the gallons or tons of manure applied in the load by the number of acres covered.

Following Woodward's presentation, Adams County Holstein Club President Dave Kehr concluded the meeting with several announcements. The Club Tour this year will be to six dairy operations in Franklin County. The tour will be held Tuesday, July 15, with the bus leaving the North Gettysburg Shopping Center at 8 a.m. The cost is \$17 per person which covers the cost of transportation and the noon meal. Junior members may attend for half price. Reservations should be made immediately with any of the Adams County Holstein Club Directors.

State Ag Secretary Appoints Export Marketing Specialist

HARRISBURG — State Agriculture Secretary Richard E. Grubb today announced the appointment of Raymond D. Plumb as chief of the Bureau of Marketing Development's Export Division.

"Ray's knowledge and expertise will help us build upon Pennsylvania's international reputation for quality agriculture products," said Secretary Grubb.

Prior to his involvement with the Department, Plumb served as an agricultural export marketing specialist with the Virginia Department of Agriculture and Consumer Services for three years. He helped plan, develop and implement international agricultural marketing activities for the Commonwealth of Virginia,

specializing in raw agricultural products and processed foods.

From 1981 to 1983, he served as domestic agricultural marketing agent for the Commonwealth of Virginia, coordinating activities in its \$15 million direct marketing industry. He has also worked as a facilities manager for Southern States Cooperatives Inc. in Richmond, VA.

A native of Uniontown, Pennsylvania, Plumb received a bachelor of science degree in animal science from The Pennsylvania State University in 1975, and has continuing education credits in business management and export development from Virginia Commonwealth University and Northern Virginia Community College.

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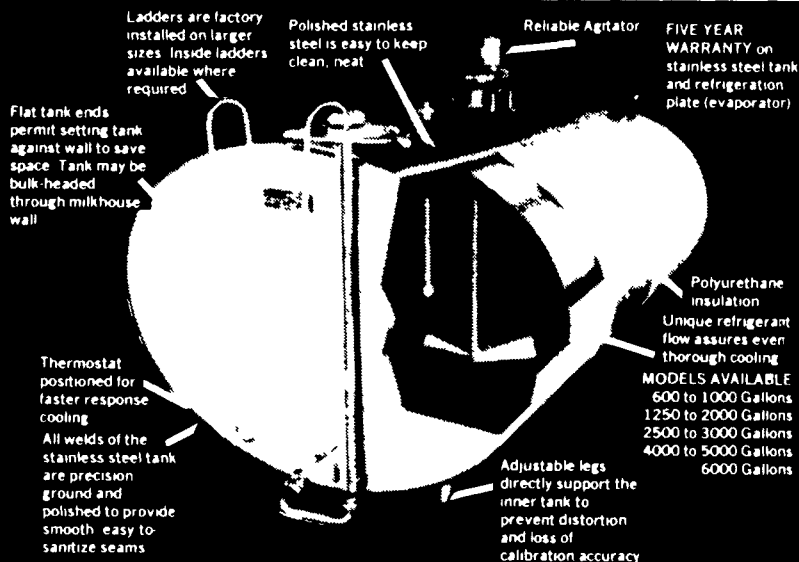
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75	24	\$514.52	225	72	\$1,542.96
100	32	\$685.76	250	80	\$1,714.40
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175	56	\$1,200.08	400	128	\$2,743.04
200	64	\$1,371.52	500	160	\$3,428.80

Your order must include one feeding station for each package of 25 transponders you purchase



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Any competitive brand claw is worth \$50 in trade on a genuine DeLaval® SUPER FLO-VUTM Claw, OR on a complete milker unit (which includes the SUPER FLO-VU Claw). No limit. Only one trade-in per claw or unit purchased. Offer good June 1 through August 1.

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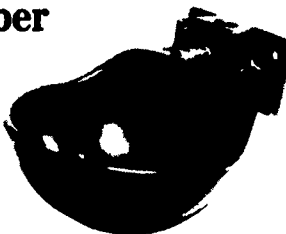
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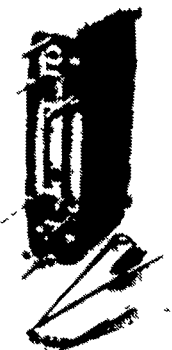
With every pair of long milk (78" or 108" length) and single or twin long air tubes you purchase this month, we'll give you - FREE - four short air tubes for your milker unit... either 7½" or 8½" length. It's a great opportunity to replace all your hoses on every milker unit at a nice savings.

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Pennsylvania Dairy Herd Improvement Association

Chester County DHIA Monthly Report

Chester County DHIA
May, 1986

The cow with high fat was owned by Dennis Bush
The cow with high milk was owned by Robert E. Pepple

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Melwood Farm	3	36	5	90	1	24,183
Dunwood Farm	3	57	0	88	4	22,262
Ardrossan Farms	1	123	5	88	4	19,745
H&R Mason	3	131	1	89	2	20,320
Keneth + Marilyn Umble	3	58	1	90	4	21,269
Robert E Pepple	3	65	2	87	8	20,335
Jonas B Stoltzfus	3	47	1	84	8	19,593
Joseph Lusby	B3	53	3	88	1	20,344
Breck-A-De Farm	3	79	7	86	9	19,894
Ben Beiler & T Barlow	3	97	4	84	4	19,434
John S Stoltzfus	3	68	1	87	1	18,811
David K Stoltzfus	B3	46	2	85	5	19,066
Kulp Bros	B3	87	0	89	2	19,953
George P Lamborn	3	36	9	86	7	19,984
Vernon Guest & Son	B3	96	0	87	5	18,842
Thomas C Kearns	B3	44	9	86	2	19,661
Wilmer L Hostetter	3	50	4	87	7	19,576
Arthur D Hershey	3	50	9	84	8	19,895
William L Stoltzfus	3	55	6	88	4	18,861
Glen H Freese	3	70	8	87	6	19,939
Paul King	3	71	4	93	2	18,620
Spring Aqua Farm	3	84	6	91	0	19,828
Richard Hostetter	B3	44	6	86	1	19,412
Maplesway Farm	3	69	5	88	6	19,160
Mark & Melody Stoltzfs	B3	56	1	85	5	18,612
David E Weaver	3	101	8	86	6	18,553
Donald Hostetter Jr	3	85	8	86	6	18,794
Hargret Dairy Inc	B8	49	2	85	2	19,111
Jefferson D Yoder	3	70	2	88	2	18,225
J Harold Bare	3	65	3	85	2	18,743
Leon D Kurtz	3	43	6	85	6	20,390
Jesse E Lair	B3	86	7	86	3	20,274
Harold J Ranck	3	56	8	87	0	18,365
Mrs John B Hannum 3D	B3	94	8	86	9	20,070
Landis S Reid	B3	66	6	87	6	20,752
Floyd Miller & Sons	B3	71	4	86	7	19,008
Louis S Neyman	G3	27	6	91	5	18,106
Daniel R Stoltzfus	B3	37	8	86	5	19,290
Per-Valley Farm	B3	74	7	87	1	18,442
Bright Meadows	B3	70	3	81	4	18,545
Dale Hostetter	3	50	2	87	3	19,052
Swan View	3	64	3	86	8	18,905
Donald M Horning	B3	48	5	86	4	18,143
Chris & Ches Stoltzfus	3	56	0	84	7	17,658
J Elmer Lapp	3	40	6	85	3	18,666
Benjamin K Kauffman	B3	40	9	88	2	18,560
Elmer A Mast	B3	80	9	87	6	17,492
Samuel K Stoltzfus	3	41	6	87	5	18,740
Ridglea Farm	3	93	3	86	7	17,242
Merle J King	B3	89	8	85	8	18,038
Timberview Farm	3	57	7	85	6	16,703
Walmoore #3	B3	140	6	88	3	17,838
David Walton	3	49	6	86	6	18,504
Harold R Kulp	B3	82	4	87	9	17,979
James V Yale	B3	69	3	89	7	16,887

Lester Eby	3	62	3	87	0	18,421	663
Lloyd Mast & Sons	3	127	2	88	9	17,627	662
Daniel M Stoltzfus	B3	50	8	82	7	17,372	659
John K Kauffman	B3	35	6	88	1	18,457	656
Calvin + Tim Kurtz	B3	83	0	85	7	17,464	654
Round Top Farm	B3	89	0	80	8	18,113	653
Richard Proud & Son	B3	64	7	89	0	17,349	651
Dennis Bush	3	2	2	305	20,016	61	1228
Roy & Ruth Ann Bender	3	6	0	305	23,715	46	1095
Jerry	3	5	9	305	25,090	34	863
Robert E Pepple	3	4	9	305	28,186	38	1061
23	3	8	10	305	21,203	42	886
59	3	4	4	305	23,673	36	860
51	3	6	1	305	24,359	43	1041
Landis S Reid	3	3	5	304	20,020	40	801
2	3	11	1	305	24,876	41	1021
78	3	3	4	305	23,974	42	1008
Dennis Bush	3	4	3	305	24,312	39	939
138	3	3	5	305	24,141	38	926
Jesse E Lair	3	6	10	301	23,310	41	958
Vera	3	5	7	305	24,129	40	954
Lyda	3	4	0	305	23,227	41	947
Leann	3	3	11	298	21,361	40	856
Jefferson D Yoder	3	4	9	305	20,645	39	915
20	3	7	2	305	22,328	42	935
George P Lamborn	3	8	8	305	24,548	37	907
Topsy	3	4	0	305	23,227	41	947
Breck-A-De Farm	3	3	11	298	21,361	40	856
130	3	4	9	305	20,645	39	915
80	3	7	2	305	22,328	42	935
79	3	8	8	305	24,548	37	907
Bright Meadows	3	7	2	305	22,328	42	935
108	3	8	8	305	24,548	37	907
Daisy	3	8	8	305	24,548	37	907

3	3	4.4	305	23,106	3.8	867
David K Stoltzfus						
62	3	4-8	305	24,584	3.8	923
Ardrossan Farms						
E Eye	1	4-5	305	18,705	4.9	921
J Time	1	3-5	305	23,880	3.7	888
Ch Eye	1	8-11	305	17,652	5.0	874
Leon D Kurtz						
Tifny 28	3	3-5	305	23,878	3.8	915
Wanda	3	10-9	305	22,945	3.7	856
Dunwood Farm						
Janet	3	5-2	305	24,465	3.7	911
Kim	3	4-5	305	23,159	3.8	883
Kulp Bros						
248	3	6-11	305	24,516	3.7	901
Ben Beiler & T Barlow						
Tanya 82	3	4-9	305	20,156	4.4	888
Rogul 46	3	4-0	305	22,767	3.9	880
David E Weaver						
Dotty	3	5-2	305	21,436	4.1	884
Mamie	3	5-11	305	20,211	4.2	841
Joel C Brown						
1122	3	4-2	305	20,511	4.3	883
Donald Hostetter Jr						
Missy	3	5-1	305	21,447	4.1	876
Crissy	3	5-4	305	22,777	3.7	845
Holly	3	4-9	305	18,870	4.4	838
Reba 100	3	3-6	305	21,170	3.9	817
Joseph Lusby						
Katie	3	4-10	305	24,822	3.5	873
Chris & Ches Stoltzfus						
Alta	3	5-1	305	23,796	3.7	871
Hopeful	3	10-0	305	18,535	4.6	857
Hargret Dairy Inc						
75	3	6-9	305	20,426	4.2	859

(Turn to Page C7)



YANMAR

TRACTOR SALE

YANMAR MODEL 146 TURF
w/48" Mower, 14 H.P.,
Water-Cooled Diesel
w/Auto. Shift And Hyd. Lift
DEMO w/NEW WARRANTY

Reg. Price \$5,968

ONLY \$3,696

Come In.... We'll Show You How YANMAR Tractors
Lead The Way In Performance, Quality & Price

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1315 North of Independence St. Suite 202, Northville, PA 17050
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Tues. & Wed.
8 AM - 5:30 PM
Sat. 8 AM - 2 PM

POLYVINYL P.V.C. PRODUCTS

100's Of Uses

P.V.C. RAW MATERIAL

- 2x4
- 2x6
- 2x8 T&G
- 4x4
- 5x5
- 7/8"x1 1/2"
- 7/8"x3"
- U-Channel
- Pipe
- Accessories, Etc.

P.V.C. WHITE RAIL FENCE



3-Rail Fence w/Gates "Never Need Paint"
P.S. Polyvinyl will not rot, splinter, chip, etc.

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YOUR VENTILATION HEADQUARTERS

TAFCO

1/2 HP, 12" Fan w/Shutter . . . \$79.99
1/4 HP, 16" Fan w/Shutter . . \$115.99
1/4 HP, 20" Fan w/Shutter . . \$139.99
1/2 HP, 24" Fan w/Shutter . . \$189.99



CP-56
56" Ceiling Fan, Single or Variable Speed Controls Available

Coolair



36" - 1/2 HP Galv. Fan (Also Shutters Avail.)
\$259.99

DAYTON



24" Circulator Fan w/Grill, Motor, BRM7, Switch & Plug
Also Available 2 Speed
Reg. \$129.99
SALE \$99.99

FAN JET TUBE SYSTEMS



Available
12" DIA. 18" DIA. 24" DIA. 30" DIA.

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Chester Co. DHIA

(Continued from Page C6)

Richard Hoover							
47	3	4-6	305	21,214	4 0	850	
Highpoint Acres							
Lara	3	4-11	305	18,578	4 6	848	
Elmer A Mast							
Eleor 97	3	3-4	305	24,038	3 5	846	
Candy 42	3	4-8	305	20,048	4 1	824	
Bets 38	3	6-8	305	18,503	4 4	807	
Harold J Ranck							
Della	3	4-7	305	20,640	4 1	844	
Daniel R Stoltzfus							
Organdy	3	5-4	305	25,686	3 3	842	
H&R Mason							
142	3	4-9	281	20,219	4 1	838	
197	3	3-7	305	21,784	3 8	821	
J Harold Bare							
68	3	4-1	305	18,517	4 5	836	
Daniel M Stoltzfus							
Daisy	3	4-5	305	19,390	4 3	835	
Amos J Stoltzfus							
Echo	3	5-7	305	22,149	3 8	833	
Jonas B Stoltzfus							
Lucky	3	4-6	305	23,664	3 5	832	
Floyd Miller & Sons							
36	3	3-10	305	24,930	3 3	824	
Keneth & Marilyn Umble							
Glenda	3	3-6	305	21,746	3 8	824	
Andrea	3	3-5	305	23,893	3 4	808	
Landhope Farms							
144	3	5-4	305	27,682	3 0	823	
Lloyd Mast & Sons							
214	3	5-8	305	22,792	3 6	820	
234	3	4-11	305	20,838	3 9	812	
Marsh Acres Farm							
335	3	8-1	305	22,589	3 6	820	

Wilmer L Hostetter	Charity	3	3-7	305	22,141	3 7	818
Parry Bros	867	3	4-4	305	21,554	3 8	816
Mrs John B Hannum	275	3	3-0	302	22,537	3 6	806
Dale Hostetter	Cristal	3	8-0	305	19,796	4 1	804
Calvin & Tim Kurtz	2	3	4-4	305	19,186	4 2	801



Bradford County DHIA Monthly Report

Owner	Brd.	Age	Cows	Days In Milk	Lbs. Milk	Lbs. Fat
BRADFORD COUNTY DHIA May, 1986						
William Brown	3	30 1	89 2	22,735	842	
Ben & Dean Jackson	3	64 9	87 1	21,593	765	
Allen S Andrews	3	82 7	86 5	21,204	761	
Robert Taylor	3	54 9	89 0	19,453	755	
Tom-Elaine Comstock	3	27 9	87 4	19,326	748	
Alfred Sparling	3	99 3	87 4	20,023	747	
W T R Brown	B3	76.3	86.7	20,337	746	

David Berry	B3	45 6	84.6	20,878	741
Tom & Diane Elliott	B3	39 5	85.3	20,433	729
Merle Bacon	3	24 2	86.8	18,766	723
Calkins Farm	3	70 9	88.5	19,057	721
Richard H Packard	3	53 0	86.6	20,149	720
Matt Will R&W	9	35 6	87 5	21,013	*717
Abraham S Derstine	B3	65 6	88.4	21,261	716
Lynn & Bonnie Miller	3	41 3	89 0	19,106	715
Leona Holsteins	3	36 5	88.4	20,127	715
Scott & Lynn Cook	B3	41 1	86 0	19,561	709
Bruce R Wenger	B3	60 0	82 8	19,201	708
Snowcrest Farm	B3	91 7	85 8	20,534	708
Braund Valley Farms	3	91 6	85 3	19,269	707
Russel L Jones	3	73 3	86 4	18,421	707
Springcroft Farm	3	100 7	85 9	19,083	707
Bob & Tom Murray	B3	99 5	86 1	18,710	702
Donald E Harkness	3	52 8	87 3	19,461	701
Ter-Mar Farm	B3	54 9	84 2	18,740	700
Stephen Marcia Gary	B3	35 1	88 3	19,681	693
W & R VanBlarcom	B3	71 6	87 8	19,257	688
Milford Kinsman & Son	3	97 9	87 8	18,196	686
Richard D Wheeler	3	58 0	87 0	18,890	685
Lyle D Monro	3	93 3	87 1	18,232	684
Shumhurst Farm	3	38 1	84.6	18,841	683
Leslie Freeman	3	54.0	88 9	18,844	681
Glen & Arlen Landis	3	83 5	87 8	19,997	681
Marshall M Watkins	B3	54 6	83 6	18,587	679
Milton Sherman	B3	54 9	91 1	18,664	679
Y Run Dairy Farms	3	98 7	85 5	21,025	676
Robert H Whipple	3	63 1	87 7	18,393	675
Arthur D Wolf	B3	69 2	86 3	19,001	674
Gerald Stethers	3	76 4	85 5	17,843	674
Pat & Pam Salerno	B3	42 9	85.4	19,084	673
Fivebrooks Farm	3	72 7	89 5	19,842	672
Keith & Karen Crain	B3	64 4	88.5	17,797	671
Pet Roypa Farm	3	43 1	86 2	17,990	669
Matt Will B&W	3	44 2	83 1	19,423	*669
Earl J Gamble	B3	41 0	87.5	16,914	668
Lewis & Lois Alderson	B3	42.1	86.1	18,025	667
Kenneth Howard	3	40 9	88 5	18,161	665
Pinetop Farm	3	57 0	88 6	18,530	663
Brennan Farm	G3	55.4	84 9	17,440	662
Raymond Hopppaugh	3	88.3	88 7	19,229	661
Kendale Farm Inc	3	48 6	86 3	17,571	658
Wayne H Lamont	3	41 5	82 5	17,963	657
Kevin Hickok	3	24 7	88 8	16,795	655
Elwin Roberts	B3	40 8	88 3	18,803	655
Ben Jackson	2	16 9	89 0	14,189	653
Donald Jennings Jr	B3	125 1	88 6	17,988	653
Dave L Wright	B3	43 5	87 4	17,656	652
Mrs Mark Schucker Jr	3	36 8	86 6	18,755	651
Gary & Donna Ayres	G3	103 2	90 0	18,921	650
Peter Solowiej	3	31 8	84 9	18,184	650

Gary Rockwell	3	4	305	20,873	815
Marcy	3	8	305	22,750	825
Y Run Dairy Farms	3	3	305	24,311	776
Emma	3	4	305	22,035	863
Miss	3	7	305	19,831	822
Mapoal Farms Inc	3	4	305	18,261	792
Vtdeed	3	4	305	20,353	765
Bruce-Leslie Bresee	3	9	305	22,140	809
Dewdrop	3	3	305	20,478	821
Aileen	3	7	305	23,300	784
Dale Mattocks	3	6	305	17,947	764
Charity	3	6	305	22,000	779
Thomas McCarty	3	4	305	19,225	794
4	3	4	305		
Kendale Farm Inc	3	4	305		
77	3	4	305		
Shumhurst Farm	3	4	305		
Seldom	3	4	305		
R Champluvier & Son	3	4	305		
Thelma	3	4	305		
Vernon & Robert Allis	3	4	305		
Megan 80	3	4	305		
Bob & Dale Tillinghast	3	4	305		
Whisper	3	4	305		

(Turn to Page C8)

MANURE SPREADER CONVEYOR CHAINS

MAKE	MODEL	APPROX PRICE	APPROX PRICE	APPROX PRICE	APPROX PRICE
		PURPLE CHAIN	T-BAR CHAIN	PURPLE CHAIN	T-BAR CHAIN
ALLIS	281-1405	300 30	286 48	300 30	286 48
CHALMERS	289-1805	344 96	344 96	344 96	344 96
BADGER	100	339 72	339 72	339 72	339 72
BADGER	150	359 72	359 72	359 72	359 72
BADGER	160	359 72	359 72	359 72	359 72
BADGER	200	359 72	359 72	359 72	359 72
BADGER	306	408 44	408 44	408 44	408 44
BADGER	3210	POR	POR	POR	POR
BADGER	3280	POR	POR	POR	POR
BADGER	3350	POR	POR	POR	POR
BALZER	340	POR	POR	POR	POR
BALZER	410	POR	POR	POR	POR
BALZER	440	POR	POR	POR	POR
BALZER	515	POR	POR	POR	POR
BALZER	700	POR	POR	POR	POR
CASE	180	377 04	377 04	377 04	377 04
GEHL	180	339 04	339 04	339 04	339 04
GEHL	260	408 10	408 10	408 10	408 10
GEHL	350	388 46	388 46	388 46	388 46
H&S	180	388 46	388 46	388 46	388 46
H&S	220	388 46	388 46	388 46	388 46
H&S	285	490 10	490 10	490 10	490 10
H&S	350	530 20	530 20	530 20	530 20
INT HARV	40	344 68	344 68	344 68	344 68
INT HARV	101 102 103	231 36	231 36	231 36	231 36
INT HARV	150 155 160	344 66	344 66	344 66	344 66
INT HARV	275	368 18	368 18	368 18	368 18

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APPROX PRICE	APPROX PRICE	APPROX PRICE	APPROX PRICE
		PURPLE CHAIN	T-BAR CHAIN	PURPLE CHAIN	T-BAR CHAIN
BADGER	440	POR	POR	POR	POR
BADGER	BN400 14	333 12	316 14	333 12	316 14
BADGER	BN900 16	372 72	360 80	372 72	360 80
BADGER	1080	POR	POR	POR	POR
BALZER	5014	POR	POR	POR	POR
BALZER	6514	POR	POR	POR	POR
BALZER	6818	POR	POR	POR	POR
BALZER	6818	POR	POR	POR	POR
DANCO	14	POR	POR	POR	POR
DANCO	Forage Box	POR	POR	POR	POR
DION	30 31 33	399 96	313 60	399 96	313 60
GEHL	85 84 86	399 96	313 60	399 96	313 60
GEHL	810 840 14	338 80	308 80	338 80	308 80
GEHL	810 840 18	388 70	358 70	388 70	358 70
GEHL	830 830 14	348 80	318 80	348 80	318 80
GEHL	830 830 18	398 70	368 70	398 70	368 70
GEHL	700 710 810	305 36	275 36	305 36	275 36
GEHL	910 920 14	328 04	298 04	328 04	298 04
GEHL	910 920 18	334 48	304 48	334 48	304 48
GEHL	940 940 14	308 63	278 63	308 63	278 63
GEHL	940 940 18	334 48	304 48	334 48	304 48

FREE FREIGHT ON ALL CONVEYORS

T-BAR CHAIN

T67 Plain Link	75 link
T-47 Attachment Link	1 49 link

ROLLER CHAIN

Chain No.	Chain Pitch	Center	Offset
36	3/8	—	83
40	1/2	—	86
50	5/8	—	1 19
60	3/4	1.08	1 42
80	1	1.33	2 08
100	1 1/4	1.54	2 39
120	1 1/2	1.75	2 70

Other sizes available 25 to 300 from single strand to six strand

PINTLE CHAIN

CHAIN NO.	PITCH	PRICE PER FT
662	1 864	3 44
667H	2 313	3 94
667J	2 225	4 94
667X	2 225	4 94
667K	2 225	4 94
667L	2 609	8 90

NEW HOLLAND BALER UPPER CHAIN

MODEL	PART NO	PRICE
845	704845	375 60
846 & 847	634335	398 68
849	273280	509 94
850	678303	467 77
851 & 852	679768	570 80
855	786717	636 00

POR - Price On Request

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT
25	83
32	83
42	1 05
45	99
52	1 21
55	1 12
62	1 51
62H	1 85
67	1 81
67H	2 01
67XH	2 54

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT
A2040	95
C2040	1 12
A2050	1 18
C2050	1 38
A2060	1 84
C2060H	2 83
A350	3 78
CA350	3 78
CA355	3 78
A420	4 46
CA420	4 46

CORN HEAD GATHERING CHAINS

Bradford Co. DHIA

(Continued from Page C7)

Elwin Roberts	3	8	305	19,105	788
Jule					
Glen & Arlen Landis	3	8	305	24,812	826
Tracy	3	6	305	21,682	862
Janette	3	5	305	26,798	954
Olive	3	4	305	24,969	867
Nanette	3	4	305	20,508	849
Nancy					
Ben & Dean Jackson	3	4	305	28,599	951
Dimple	3	3	304	25,815	1052
#Hummer	3	2	305	22,493	813
#Hilto					
David Berry	3	3	305	22,957	818
C7					
Keith & Karen Crain	3	4	305	21,202	1001
Pamla					
Milford Kinsman & Son	3	3	305	20,346	756
Hanabl					
Brennan Farm	3	4	305	17,838	769
Farrah					
Gerald Stethers	3	6	305	18,212	751
19					
Richard Packard	3	7	305	22,038	836
Beth					
Fivebrooks Farm	3	4	305	19,316	779
April					
Robert Whipple	3	8	305	20,759	755
Spike					
Robert Taylor	3	11	305	18,669	772
Princes	3	6	283	21,505	795
Linda	3	5	305	23,493	793
Ruth	3	2	305	21,468	907
Gazer					
Duane Lewis	3	4	305	23,005	783
18					
William Smith	3	3	305	17,249	791
Heidi					
Merle Watson	3	4	305	21,053	768
Lorna	3	6	305	20,611	767
B B	3	9	305	21,115	770
Skipper					
Bob & Tom Murray	3	9	305	19,094	781
86	3	10	305	20,872	801
66					
Raymond Hoppaugh	3	4	305	20,451	788
Polly					
Roy & Tim Beardslee	3	3	305	18,247	753
55	3	2	305	18,986	793
49					
Braund Valley Farms	3	8	305	21,225	759
Bertha	3	4	303	21,900	816
Echo					
Arthur Wolf	3	10	305	21,101	768
18					
Allen Andrews	3	8	305	27,424	882
Bonnie					
Ter-Mar Farm	3	9	288	22,833	796
Vicky	3	5	305	17,849	821
Linda	3	3	305	21,834	912
Annie					
Walter Wheaton	3	3	305	19,414	809
34					
Earl Gamble	3	5	305	24,741	911
Bridget	3	3	305	19,340	838
Claudia					
Snowcrest Farm	3	5	280	19,995	772
Melanie	3	5	299	25,493	943
Jenny D	3	5	296	22,685	830
Princes	3	3	305	25,365	830
Margo					
Leslie Freeman	3	4	305	21,727	796
31	3	3	305	20,572	823
*657060	3	3	305	18,905	794
7064					
Elsbree Brothers	3	5	305	21,969	869
Dandy	3	4	305	19,055	781
15					
Calkins Farm	3	6	305	23,122	958
Phil	3	4	305	22,643	799
Penny					
Gary & Donna Ayres	3	6	305	20,629	753
70					
Michael Olsyn & Son	3	6	305	24,687	823
59					
Scott & Lynn Cook	3	2	305	17,687	782
Megan					
Barry Bradley	3	5	305	20,786	878
Tanyai					

Hermit Hill Farm
Nancy 28
Lawrence Swartley
8
Pat & Pam Salerno
Lillie
Maggie
William Eick
Beau
Latini Brothers R&W
187 Jokr
190 Frut
Matt Will B&W
Gracey
Daisy
Matt Will R&W
Peggy
Leona Holsteins
Sandi
Melinda
W T R Brown

11
22
52
54
97
108
122
162
Donald Cole Hol
Myrtle
Michael & Becky Freeborn
122
Bruce Wenger
Girt 122
Beauty
Elsi 451
Saxtonaire Holsteins
Leann
Gary Ferguson
Ona
Romaine & Jef Sechrist
Esthr 68

3	4	305	20,995	752
3	6	305	19,980	756
3	5	305	24,294	901
3	5	305	21,434	775
3	4	305	21,487	769
9	5	305	16,387	790
9	6	292	18,565	820
3	6	305	28,579	1030
3	5	305	22,017	782
9	10	305	25,542	966
3	3	305	21,377	802
3	2	305	18,122	841
3	6	305	25,075	949
3	6	303	22,987	945
3	3	305	19,470	801
3	5	305	21,669	839
3	4	305	21,982	887
3	4	305	23,493	806
3	4	305	23,190	797
3	2	305	19,786	822
3	5	305	22,945	758
3	4	205	17,618	875
3	4	305	25,976	1011
3	4	285	17,378	757
3	5	305	24,094	848
3	6	305	21,845	777
3	3	305	19,077	752
3	5	305	20,600	777

Ja Jen Farms
Nancy
R Brown & R Ely
Jan

3	5	305	21,719	778
3	8	305	19,602	877

Luzerne Co. DHIA

May, 1986

Paul Stoss Jr	R&GrH	19 8	86 9	22,876	874
Robert Hough	RH	57 3	87 3	19,523	733
Pecora Bros	R&GrH	172 9	88 8	18,549	685
Carl E Troxell	R&GrH	65 5	89 5	18,216	672

COWS FINISHING THEIR LACTATION PERIOD OVER
500 LBS. BUTTERFAT AND/OR PROTEIN

Fred Shultz	RH	3 11	305	21,031	4 0	831
Abby 92						
Faihopity Farm	RH	5 4	298	18,728	4 3	810
135-May						
Pecora Bros	RH	8 3	305	22,778	3 3	751
93-1684	R&GrH	6 7	305	23,430	4 1	954
32-1591	RH	3 4	305	22,864	4 4	998
88 1777	RH	2 4	305	22,251	3 4	755
43-1853						
Carl E Troxell	RH	5 1	305	18,902	4 2	802
87						
Larry Baron	RH	6 9	305	18,220	4 6	835
Beth-19						
Robert Hough	RH	5 4	299	19,592	4 1	805
Cindy12						
Paul Stoss Jr	RH	3 9	305	27,446	3 5	956
Ivy-12	RH	3 3	305	28,305	4 1	1164
Dumpli15	RH	3 6	305	21,719	4 0	864
Kay- 17	RH	3 2	273	22,053	4 1	910
Pamel23						

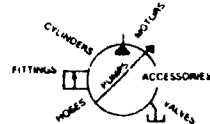
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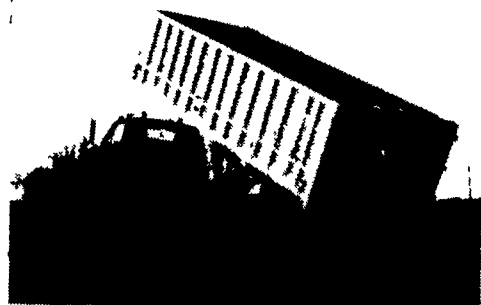
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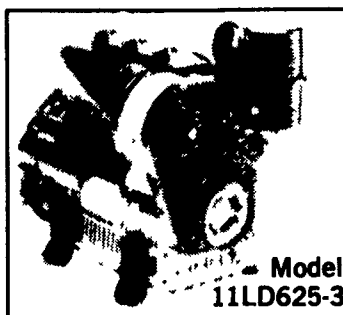
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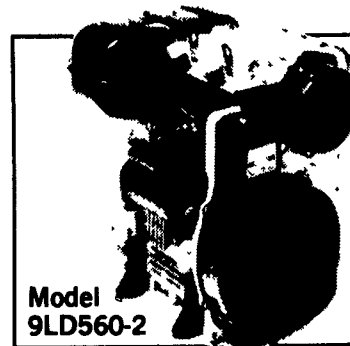
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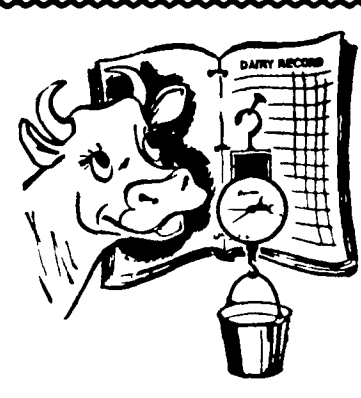
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Mifflin

County

DHIA

Monthly

Report

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Mifflin County DHIA May, 1986						
John A Peachey	H	56 6	90.3	21,471	771	
Percy S & R Glenn Yoder	H	86 4	88 1	19,621	769	
Mark S Yoder	H	89 7	87 8	20,116	743	
Bradstead Farm	H	38 4	90 0	19,995	741	
John K Kauffman	H	79 7	88 1	20,497	737	
Charles L Forgy	H	58 5	88 3	19,732	732	
Paul J Zook	H	53 3	86 7	20,238	732	
J Loren Yoder	H	40 7	92 8	18,958	716	
Louis S Peachey Jr	H	49 7	87 1	19,031	709	
John B Peachey	H	71 6	90 8	19,012	709	
Joshua D Yoder	H	52 7	87 4	19,416	707	
David W Yoder	H	86.6	89 8	20,552	700	
James G Laughlin	H	42 9	88.6	18,528	697	
G Sheldon Peachey	H	48.6	86 3	19,275	696	
James H Allison	H	37 8	85 7	20,586	695	
Byler Brothers	H	84 1	84 8	18,806	693	
David T Hostetler	H	38 8	87.9	18,835	692	
Marvin R Kanagy	H	44 5	88.2	18,427	692	
Jesse L Spicher	H	36 5	86 7	18,710	690	
Kore K Peachey	H	59 0	89 2	18,806	688	
Kore E Yoder	H	54 5	88 2	17,862	684	
Robert L Kauffman	H	28 7	86.9	18,247	682	
Frank J Hartzler	H	61 2	87 1	19,007	682	
David R Spicher	H	82 1	90.2	18,476	681	
Aquilla I Yoder	H	82 4	90 9	18,158	680	
Robert Stayrook	H	31 1	88.5	19,091	677	
Merle E Yoder	H	38 7	89 6	18,776	674	
Sylvanus S Peachey	H	91 7	89 5	19,210	673	
John B & Saloma Byler	H	40 3	84 8	19,632	672	
J Irvin Zook	H	40 4	88 4	19,041	672	
David C Yoder	H	47 0	86.6	19,635	672	
James L Hostetler	H	42 2	92 4	17,505	671	
John L King	H	47.0	89 1	18,460	670	
Russel L Kline	H	51 3	88.4	18,578	669	
Leroy+Rod Kauffman	H	53 8	88 9	19,114	667	
Kerth Leinaweaver	H	42 3	90.2	18,681	654	
James O Reed	H	31 0	89 9	16,859	652	

Merle E Yoder						
Jolly	H	7-3	19,764	853		
J Elrose Glick						
Sandy	H	7-5	17,749	759		
Paul J Zook						
Carrie	H	6-10	23,549	1006		
Sylvanus S Peachey						
Marge	H	10-8	20,986	816		
Yoderstead Farm						
Fancy	H	6-8	20,658	831		
Percy S & R Glenn Yoder						
Rose	H	11-8	26,040	837		
Marge	H	6-9	21,814	915		
Janice	H	6-3	17,053	803		
May	H	3-7	20,108	758		
Piebe	H	3-3	18,686	902		
Leon K Donahey						
Pebbles	H	5-6	21,821	818		
Kore J Peachey						
Jerry	H	4-3	20,138	823		
Amy	H	4-4	23,006	820		
Nannie	H	3-0	18,209	757		
James H Allison						
Nell	H	9-7	22,074	800		
Pauline	H	4-6	22,022	781		
James O Reed						
Diana	H	4-8	17,316	754		
Leroy+Rod Kauffman						
Ginger	H	4-2	24,134	779		
Bradstead Farm						
Nig	H	2-11	20,912	799		
John L King						
Liza	H	5-9	20,945	753		
RM & Wm R Ammon						
Judith	H	5-5	20,758	790		
John A Peachey						
Sherry	H	5-8	25,745	843		
Louis S Yoder						
Manda	H	4-8	21,827	916		
Vaneta	H	3-2	18,749	750		
Mark S Yoder						
#462	H	7-11	25,628	1129		
#483	H	7-4	22,192	850		
#494	H	6-10	22,750	809		
#567	H	4-8	23,964	802		
#587	H	4-7	25,960	866		
#635	H	3-2	20,278	764		
#636	H	3-8	18,919	783		
#674	H	2-11	24,770	794		
Kore E Yoder						
Monitor	H	6-11	23,473	1006		
Echo	H	5-8	23,467	845		
Sandy	H	5-8	21,989	833		
Frank J Hartzler						
Deborah	H	6-0	25,445	763		
John B Peachey						
#76	H	5-11	21,687	791		
#115	H	5-0	20,550	767		
#146	H	4-3	19,044	776		
Louis S Peachey Jr						
#90	H	6-6	22,985	827		
#24	H	4-3	20,126	793		
Dry House Farm						
#508	H	5-1	21,983	817		

John T Kurtz						
#42	H	2-6	21,429	773		
Vernon L Kauffman						
Sue	H	6-7	19,564	756		
Norma	H	6-5	17,934	838		
Kitty	H	5-5	20,379	813		
David W Yoder						
#85	H	5-6	21,476	884		
#50	H	4-6	21,631	797		
#90	H	3-11	24,376	802		
J Irvin Zook						
Tricky	H	3-1	18,746	755		
Cherry	H	2-11	17,368	769		
Paul H Yoder						
Susan	H	5-3	19,479	776		
Sue	H	3-7	20,796	762		
David T Hostetler						
#87	H	4-10	23,589	854		
#118	H	2-3	18,740	769		
Raymond S Hostetler						
#38	H	7-2	20,414	775		
James G Laughlin						
Jesie41	H	3-5	19,182	810		
Aquilla I Yoder						
#18	H	5-11	19,128	751		
Bill & Karol Wingert						
Glenn	H	0-0	23,755	757		
L Marlin Yoder						
#23	H	5-7	19,145	773		
#44	H	4-9	19,521	763		
Raymond E Yoder						
#49	H	8-2	19,416	792		
Elmer S Peachey						
Doe	H	4-6	25,067	867		
Byler Brothers						
#151	H	2-8	19,139	790		
John B & Saloma Byler						
Kit	H	7-3	22,006	774		
Cindy	H	0-0	20,700	765		
Bertha	H	0-0	24,437	765		
Robert L Kauffman						
#21	H	7-1	24,347	827		
Marvin E Peachey						
Nichole	H	4-7	20,860	840		

Hot Dog History

The name "Hot Dog" was created because a sportswriter couldn't spell Dachshund. In the early 1900's Tad Dorgan developed a cartoon about the first time hot dogs were sold at a football game. But, notes Maryetta Dorricott, Delaware County Extension home economist, back then the dogs were called "D a c h s h u n d Sausages." Dorgan couldn't spell that ... and since his paper's deadline was fast approaching he simply changed the name to "hot dog" ... and it stuck. Hot dogs were popular in the U.S. long before their debut at football games, though. The first hot dogs were sold in 1870 at Coney Island.

But in the early years, hot dogs went solo ... no rolls ... and it was 30 years after the dogs' debut that anyone thought of using a roll. Originally people were given gloves so they wouldn't burn their fingers on the "hot" hot dogs. Unfortunately the hot dog sellers started getting burned because people kept walking off with the gloves and the businessmen's profits. It was then an inventive seller hit upon the idea of rolls, they saved fingers and profits. The hot dog has become an American tradition, and though we can't claim to have invented the food — Europe did that — we can claim to have made the hot dog famous.

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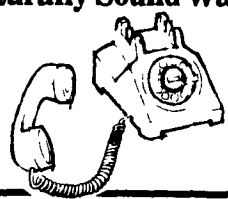
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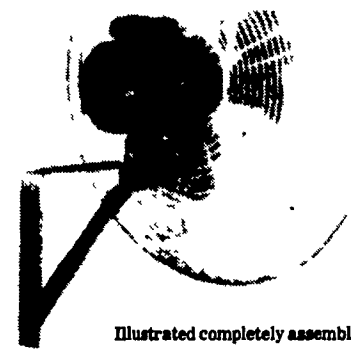
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Advice For Coping With Drought Offered

Economic and social worries are being shunted aside temporarily by many Maryland farmers this summer as they attempt to deal with crop and livestock stresses brought on by one of the most severe spring droughts in the state's history.

Only the mountain areas of extreme western Maryland have any semblance of near-normal subsoil moisture conditions. But there are some things on the plus side of the ledger, even for the rest of the state.

Alfalfa and other kinds of hay are producing high-quality crops for most farmers, making Maryland hay this year comparable to the reputation dryland hay normally imported from western states for the horse industry.

Fields of small grain are producing surprisingly good yields, as hot, dry weather minimized disease damage and permitted combines to get an earlier-than-usual start on harvesting.

The early start could bode well for double-crop farmers who always are under seasonal pressures to get their soybeans planted in stubblefields before mid-July.

At the University of Maryland's Poplar Hill research farm near Quantico on the lower Eastern Shore, for instance, F. Ronald Mulford, farm manager, reported barley yields in excess of 100 bushels per acre. But he is concerned about lack of soil moisture for the soybeans which are scheduled to follow in this cropping year.

Adverse effects of this year's drought are numerous — and serious.

Corn and soybean plants in many non-irrigated fields are struggling to survive. Large numbers of them have withered and died — their roots unable to reach adequate moisture which would permit the plants to cope with a hot summer sun.

This situation normally would call for replanting. But the ground is too hard and dry in many fields for proper seed placement to occur.

It already is too late to replant corn intended for grain harvest. And soybeans — a shorter season crop — cannot replace corn in fields which were treated earlier this spring with triazine herbicides for control of broadleaf weeds. Such treatment is a usual practice in modern commercial farming.

Another problem with the triazine herbicides is that lack of rain has prevented them from working properly. As a result, certain weeds are showing up in many cornfields which normally are not even noticed.

With Maryland and Delaware leading the nation in percentage of cropland devoted to no-till farming, special interest is focusing this summer on fields devoted to this relatively new concept. Unfortunately, many no-till fields are not living up to expectations.

By comparison, in some cases,

corn and soybeans are looking better on fields which have been plowed and planted in the time-honored conventional manner. There are explanations for this, of course.

V. Allan Bandel, Extension soils specialist at the University of Maryland in College Park, notes that no-till is designed to conserve moisture. This system works well under summertime drought conditions. It assumes that there is springtime moisture in the soil to conserve and to help corn and soybean plants get started growing, Dr. Bandel commented.

Because this year's drought started so early, many no-till farmers faced problems of proper seed placement in hard, dry ground. By contrast, farmers with fall-plowed ground were able to plant their seed deeper in a soft seedbed. And seedlings which got planted early were able to take advantage of enough moisture to get deep root penetration before hot weather dried available moisture out of the top layers of soil.

Bandel noted that some no-till farmers may have gotten into trouble by waiting too long in killing off cover crops with herbicide prior to planting corn or full-season soybeans this spring. He reminded growers that rye used as a winter cover crop should be killed at knee-high height, or before it comes "out of the boot." This is the stage at which it starts to set a head.

Waiting too long before herbicide application allows the cover crop to soak up soil moisture reserves, which can be critical in a dry spring like 1986 turned out to be.

In double-crop situations, the small grain likewise can soak up critical soil moisture reserves which no-till soybeans need to get started in early summer.

Dr. Bandel and other University of Maryland agronomists have mixed feelings about making recommendations to farmers on planting soybeans in stubblefields and replanting full-season soybean fields.

One school of thought says to go ahead and plant — and then hope for rain. Another school of thought recommends waiting for rain before planting.

This latter procedure would make seed placement easier and assure moisture to help soybean seeds sprout and start growing. Peter R. Thomison, Extension grain and oilseed specialist at the University of Maryland, is one who believes in waiting.

Dr. Thomison points out that with a traditionally long growing season — especially on the eastern Shore — Maryland farmers often can obtain good yields of quality soybeans from plantings made as late as mid-July.

He notes that soybeans have a "window of vulnerability" at pod-filling time. Adequate moisture at this time is more critical than planting date.

Maryland weather patterns in recent years seem to back up his observation.

Late-planted, soybeans in Maryland often have yielded as well as, or better than, early-planted, full-season soybeans. This is because early fall rains have come at the critical pod-filling time for late-planted beans. But such rains have been too late for early-planted beans which had to cope with hot, dry weather when their pods were being filled.

Instead of rushing out to plant soybeans as soon as small grain harvest season is completed, Thomison suggests that farmers consider baling their straw. Being of high quality in a dry year like this, baled straw might well be a good sale item to enhance farm income.

He also suggests that planting only early-maturing soybeans this

late in the season could be a mistake. Rather, they should plant a variety that is as late in maturing as possible for this part of the country.

Early-season soybeans typically don't provide enough vegetative cover to shade the ground between the rows. But later-maturing varieties do provide such a cover, thereby discouraging weed growth and helping to conserve moisture.

For this purpose, he recommends Essex soybeans for the lower Eastern Shore. Coming north up the shore he suggests public varieties such as Sparks, Union and Douglas, or commercial varieties like AgriPro 350, Pioneer 9441, Asgrow 4271 and Coker 425. All of these are medium-maturity

varieties.

Thomison points out that his recommendation for later-maturing soybean varieties is based on situations where farmers won't be seeding small grain in the same field this fall.

If small-grain seeding is planned this fall, then the field should be planted to an early-maturing soybean variety. Plant in narrow rows with 7 to 15-inch spacing. This will help accomplish shading between the rows to keep down weeds.

Narrow-row spacing also will help to raise pod height, thus making combining easier in the fall. Early-maturing varieties of soybeans tend to set pods too close to the ground for easy harvesting, Thomison explained.

Ag Colleges Plans Tent at Fair

NEWARK, Del. — The University of Delaware College of Agricultural Sciences will have an information, demonstration and entertainment tent at this year's Delaware State Fair in Harrington.

The 40 by 60 foot tent will open Friday, July 18, at 5 p.m. From July 19 through July 26 it will be open daily from 10 a.m. to 9 p.m. It will be southwest of the fair office, next to the carnival and picnic area.

Permanent extension and research exhibits will include managing farms for profit, water quality, food and nutrition, leadership development, drip irrigation for field crops and home gardens, and careers in agriculture. Other exhibits will change daily.

Scientists from the Delaware Agricultural Experiment Station will be on hand each day to explain aspects of their research. And

Delaware extension's master gardeners are planning a ground-cover display.

Special entertainment will include on-stage performances by the Delaware Brass, a professional group of five University of Delaware faculty musicians, and the Ragtime Duo, another professional musical team. The stage will also be used for 4-H demonstration contests. Chairs will be available for spectators.

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Plans Mapped to Unite and Coordinate Dairy Promotions

ARLINGTON, Va. — National Milk Producers Federation's Executive Committee has unanimously approved a proposal which would unite and coordinate dairy advertising, promotion and research efforts. The plan was developed over a six-month period by representatives of all segments of the industry.

A committee appointed by NMPF undertook the study to determine the most functional promotion organization structure that would provide the nation's dairy farmers with an efficient, cost effective, coordinated program. The effort was initiated to bring together and unite a variety of promotion efforts in order to better utilize personnel and funds.

The proposed organization structure calls for a National Dairy Board that will be responsible for evaluation and compliance functions.

The Board would be expanded from its present 36 members up to a maximum of 72 members. A promotion corporation would be a wholly-owned subsidiary with the same board of directors and would be responsible for directing all other activities. National Dairy Council, Dairy Research Inc. and other related organizations would be wholly-owned subsidiaries of the promotion corporation.

National Dairy Council would retain its 501 (c) (3) federal tax status and would be able to accept contributions from other industry segments just as it now does. DRINC would also retain its current tax status and be able to accept contributions from those other than dairy farmers.

The enlarged National Dairy Promotion and Research Board would consist of 36 directors who will be appointed by the Secretary of Agriculture on the same basis that they now are. Nominations are submitted from qualified nominating organizations. Nominations for up to an additional 36 board members would be made by state/regional promotion organizations based on committed accredited expenditures.

Qualified state/regional organizations would receive one

director, seated annually, based on a minimum \$1 million commitment to be spent on accredited programs. Additional seats would be based on funding in excess of the minimum. The total number of board seats allotted under this procedure cannot exceed 36, however. Qualified organizations would be able to combine expenditures to meet the \$1 million threshold.

State and regional managers would maintain an active participation in the development of all programs and budgets through a committee appointed for that purpose. State and regional organizations would contract directly with the promotion cor-

poration for promotion and research activities.

Under the proposal, directors of affiliated dairy councils would advise and recommend programs and budgets to the National Dairy Council and the chief executive officer. The Dairy Councils would have input to the national board, CEO and staff. Managers of promotion organizations and directors of Dairy Councils would continue to report directly to state/regional promotion organization boards.

The proposed structure for the expanded organization calls for a chief executive officer who reports directly to the board of directors. The board would establish such

standing committees as it determines are necessary.

There would be an executive committee made up of 25 percent of the full board. This committee would include the officers and standing committee chairmen. All members of the new, expanded board must be dairy farmers.

The proposal will be submitted to United Dairy Industry Association's executive committee on June 20 and to the National Dairy Board on June 27, and to Dairy Promotion Federation Association on July 2. NMPF will present the plan to its policy review and development group and Board of Directors on July 23 to 24. NMPF's study committee

represented geographical diversity, farmers, managers, NMPF, manufacturers, fluid handlers, National Dairy Promotion and Research Board, United Dairy Industry Association, local and regional promotion managers, new leaders in the dairy industry and general farm organizations. The study grew out of a request by NMPF's executive committee on December 3, 1985, when the group was convened for the organization's 69th annual meeting.

Committee Chairman Herman Brubaker, a dairy farmer from Ohio who is active in NMPF, UDIA and the National Dairy Board, chairs the committee.

Chemicals in Municipal Sludge May Affect Insects, Plants

ITHACA, NY — Cornell University researchers have come up with a good reason why municipal sludges contaminated with toxic chemicals shouldn't be used as a substitute for fertilizer. Insects may pick up the chemicals by feeding on sludge-grown plants, resulting in significantly shorter life spans and lower reproductive rates, according to entomologist Thomas Culliney.

The problem may not end there. Toxic chemicals picked up by insects may find their way into the food chain when other animals, such as shrews, mice, and birds, prey on the affected insects and earthworms.

Many sludges from large cities are known to be contaminated with cadmium (a heavy metal) and PCBs, among other toxic chemicals.

"Our study suggests that toxic chemicals in the sludge, which include heavy metals, PCBs (polychlorinated biphenyls), and insecticides, may affect the insects by reducing the plants' nutritional quality or even poisoning them directly," says Culliney. Whether this actually occurs widely under natural conditions is yet to be investigated, he says.

Culliney studied the effects of chemical contaminants in sludge on insects and plant growth under laboratory and field conditions, in cooperation with two other Cornell

scientists — David Pimentel, an entomologist, and Donald Lisk, a toxicologist. All are in the New York State College of Agriculture and Life Sciences at Cornell. The Cornell study is the first of its kind examining the effects of chemical contaminants on land-dwelling insects. The Cornell researchers studied green peach aphids feeding on collard plants grown in sludge-treated soil.

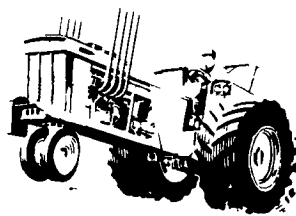
"Our study has a major implication for municipalities across the country that consider the use of their sludges as fertilizers or dispose of the sludge in areas such as strip mines or clear-cut forest areas," Culliney says.

Approximately 25 percent of an estimated 620 million tons of sludge produced annually in this country is used for agriculture because sludge contains many

nutrients essential for plant growth and can improve the soil structure.

"But sludge from any large city that has heavy industry, or even from some small towns, can contain dozens of hazardous chemicals," Culliney cautions. "It's important that we study these substances carefully and learn more about their potential effects before they are applied to our land."

Tractor Pull Tally

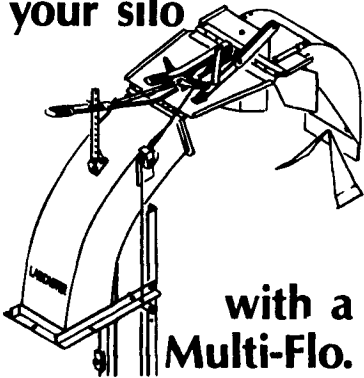


Buck Tractor Pulls June 21, 1986

7SS 1. Richard Lustick, Hopwood, Pa. AC D-21 FP/287.8; 2. Coleman Wheatley, Bethel, De. JD 4250 FP/285.11; 3. Bert Stauffer, Ephrata, Pa. Deutz 8006 FP/279.8
5 Mod 1. Craig Lukenbill, Schuylkill Haven, Pa. 440 Chevy 290.4; 2. Gary Mills, Fallston, Md. 280.8; 3. Charles Brommer, Columbia, Pa. 2/440 Dodges 279.11.
58 4WD 1. Steve Conrad, Port Deposit, Md. 1957 Ford 297.4; 2. Dan Fullenbaum, Lititz, Pa. 1969 Chevy 294.4; 3. Ed Hanslovan,

Morrisdale, Pa. 1980 Chevy, 285.6.
7 Mod. 1. Frank Stifler, Jarrettsville, Md. 300.00 FP; 2. Curtis Luckenbill, Schuylkill Haven, Pa. 296.0; 3. Andrew Zilniski, Chase, Md. 281.4.
9SS 1. Bert Stauffer, Ephrata, Pa. Deutz 8006 292.4; 2. Coleman Wheatley, Bethel, De. JD 4250 288.8; 3. Alfred Willis, Mt. Airy, Md. 288.0.
62 FWD 1. Leroy Booth, Willow Street, Pa. 1982 Chevy 291.4; 2. Steve Conrad, Port Deposit, Md. 1957 Ford 286.2; 3. Hylton Clark, Winchester, Va. 278.8

Get more from your silo



with a
Multi-Flo.

To get peak performance from your silo you have to fill it right. The Multi-Flo Silage distributor from Lancaster Level-Flo, Inc. packs your silo tight—right to the roof—without using motors or complicated parts.

Plan to build a new silo? How about your present fill system? Will it survive another year of hard use?

For more information on the Multi-Flo silage distributor, contact the dealer listed below.



FREE KNIFE!
If you need the benefits of a new Multi-Flo and act by July 31—before the busy silo-filling season—we'll give you a Trailblazer knife and sheath worth \$20. Call today.

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Lancaster Silo Co.
2008 Horseshoe Rd., Lancaster, PA
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WHITE WASHING with DAIRY WHITE

- DRIES WHITE
- DOES NOT RUB OFF EASILY
- NO WET FLOORS
- IS COMPATIBLE WITH DISINFECTANT & FLY SPRAYS
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BARN CLEANING SERVICE AVAILABLE WITH COMPRESSED AIR

To have your barn cleaned with air it will clean off dust, cob webs & lots of old lime. This will keep your barn looking cleaner & whiter longer.

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Witmer, PA 17585 717-392-7227
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**High Pressure Washing And
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Veal Pens, Hog Units And
Dairy Barns**

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CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

Mon., Tues., 8 AM to 5 PM -

Wed., Thurs. & Fri. 7 AM to 5 PM

1 FARM EQUIPMENT

IH 1206 with cab, very nice, \$6,850; NH Super 78 baler, good, \$950; Case 1737-S uni-loader, good, 2 buckets, \$3,850, neg. 717-469-2138.

IH 560 dsl., FH, 3 pt. adapter, 3B plow, \$3,200. Halifax, PA. 717-362-8390.

IH 56 blower, late model; MF 1134 corn head, \$1,600; NH skid loader, gas, excellent, \$5,000. 215-267-6547.

IH 6000 conser-till chisel plow, 10' pull type w/12' buster bar, excellent condition; NI 206 ground drive manure spreader, excellent condition. 301-838-5639.

IH 656D, hydro, NF, 3 pt., excellent, \$4,500. 301-833-9091

IH 656G utility, excellent, \$3,500. 301-833-9091

IH 706G, outlets, shafts, NF, FH, \$3,500. 301-833-9091

Electric Welder, driven by 4-cyl. engine on small trailer, \$350. Motor generator welder, 3-ph. \$150. on cart. 717-652-1957.

Farmall 504, PS, 3 pt., TA, NF, gas, good condition. 717-865-5719

Farmall A with pulley, PTO, steel wheels, IH T-4 crawler, Pitt. 4-16 semi-mount plow. Berks Co. 215-683-3094.

Farmall Cub, double cultivators, snow plow, sickle bar, mowing deck. \$2800. 717-872-8288.

Farmall Super M, power steering, live hydraulics, good tires, good condition, \$1250. 215-965-6363.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

Deere 4400, dsl., air, rotating screen, excellent, in the dry. \$11,800. Stephen & Sam Stalter, "The Combine Boys." 219-862-2151.

Deere 7720, \$35,000.; 6620, \$17,950.; 1978 7700, \$14,800.; F Gleaner, \$5,500.; G diesel, \$5,950.; Int. 915, \$8,900.; 915, \$7,450.; 715, \$8,400.; MF 540 diesel, \$11,800. Also headers. Larry Stalter, "The Combine Man". 219-862-2151

Demo Diesel Tractors: 46 hp, \$7,950. 55 hp, \$10,950. 72 hp, \$12,950. 301-833-1847

Deutz 4006, 1,600 hrs., \$2,600. 301-833-9091

Discontinued farming: Full line of farm machinery, like new. Including 4400 combine w/corn and grain head; JD 3020 tractor. 717-235-4327.

Dunham Lehr quick tach loader; Gehl 1090 haybine; NH 315 baler w/thrower; NH side delivery rake; Pequea PTO hay tedder; (4) bale wagons. All equipment in A1 condition. 717-529-6531

7' cut, excellent condition Union Co. 717-966-2306.

IH 966 D. cab, black stripe, low hrs., mint condition. Perry Co. 717-567-3562 or 589-3614.

Irrigation pump, 6" Marlow w/Chrysler industrial engine, LP gas, \$2,000. 1977 IH 1950B Cabover w/DT466, 5-spd. 2-spd, \$5,000. JD 220 Disc Harrow, 18' w/spring cushions, \$2,500. Farmall M Tractor w/2R mounted FMC Sweet Corn Picker, excellent condition, \$2,500. 301-876-1776.

Irrigation pipe, 4", approx. 2,000 feet, \$1.65 per ft. 20' & 30' sections, 717-354-4430.

Irrigation pipe, about 3,000', 6", 4", 3" aluminum, used. Twin Gap Farm, 215-588-8447.

JD 1207 7' Haybine, excellent condition. Kuhn Rotary Disc Mower, good condition. 215-965-6363.

JD 2440, 2100 hrs., independent PTO, good condition. Must Sell! \$8,200 or Best Offer. 717-866-7066.

JD 3010 diesel, excellent condition. 814-793-4293.

JD #30 combine. Bucks County. 215-847-5715.

JD 3300 Diesel Combine w/cab & bin extension, 4RN cornhead, 13' grain head, nice, can be delivered & financed. \$12,500. 717-532-8601.

JD 350 crawler loader, needs undercarriage work, \$5,700. 814-793-4293.

dual hydraulics, excellent \$7500. 814-793-4293

JD 55 combine, square back w/straw spreader, 2 row corn head, 13' grain head w/reel, good condition, \$4,750. 215-256-8487

JD 6600 Combine, 1975, diesel, good condition, with 213 grain table, \$10,500 or offer. Call 703-434-1218.

JD 95 4 row narrow, 13' grain, \$4,400. 215-348-5514

JD crawler dozer model MC, dozer blade w/brush guard, PTO and belt pulley, tracks, undercarriage and final drives, completely rebuilt in 1981, new clutch in 1986, excellent condition. Perfect for farming, logging, landscaping or show, \$5,000 or best offer. P.O. Box 5448, Charlottesville, VA 22905 or 804-823-5404 weekends.

JD Model 1217 Mower Conditioner, excellent condition, used 1 year, \$5900. Financing available. 301-452-5252 days, 301-343-0421 eves.

LaCross 22' single axle equipment trailer w/new deck & air brakes, \$1,500. 301-833-9091

Late Deere 3300 diesel, 10' header, about 700 hours, Larry Stalter, "The Combine Man" 219-862-2151

Late model JD 3300 dsl., rotary screen, w/343 corn head, one owner, only 840 hrs., very good condition. Asking \$12,900. Retired from farming. 717-866-7066.

pull type, seven ft. with bin. Dauphin Co., 717-566-0731.

Maxi Power 65KW generator w/440 Chrysler industrial LP gas engine, automatic transfer switch 200 amp, been on regular maintenance schedule; 40 ton feed factory, 4 compartment storage w/6 compartment 3 h.p. single phase mill; 44' bucket elevator; 6,000 & 9,000 bu. grain storage bins. Franklin County. 717-762-4985

McCormick #10 grain drill w/grass seed and fert. attachments, \$525; 18.4x34 tires on Oliver wheels and cast centers, \$325; 18.4x38 tires on JD wheels and cast centers. 717-866-7066.

MF 1155, \$6,000 or Best Offer. 215-965-5692.

MF 135 gas, low profile with MF 235 mounted loader with manure bucket and forks, excellent condition. 717-677-6224, 717-677-9794.

MF 180 Gas, wide front, new rubber, excellent condition, \$3,900. 301-833-9091

MF 265 diesel, ROPS, \$4,900. 301-833-9091

MF 300 Combine, gas, very good condition, 10' grain table, 2 row corn head, \$6500. 717-244-8295.

MF 30B Industrial Loader Tractor w/3 pt. PTO, low low hrs., \$6,000. 301-833-9091

MF 510 combine, cab, air, hydro with 13' soybean head, 6RN corn head, good condition. Must Sell. 717-369-5219

Combine. AC cab w/ heater, 30.5Lx32 tires, 16' table w/pickup reel & auto. header heights control, Chopper & bin extension, v.g. condition, ready for small grain, 301-272-3638 day, 272-2620 night.

MF combine, Super 92 diesel, 12' grain table w/hume reel, good. Lanc. Co. 215-445-6880.

MF rigid grain head, quik-tach, pickup reel, 16', good, \$650; Brillion cultimulcher, 13', needs repair, \$325. Can deliver. 717-694-3095.

MH Super 92 combine, hume reel, 14' head, ready to go, \$1,800. or Best Offer. 717-569-8925

Moline 1355, real nice condition, 38" rubber, dual hydraulics, \$5,500. 814-793-4293.

New Holland 426 baler, twine, 65" pickup w/hydraulic lift, 16"x18" chamber w/hydraulic tension, flotation tires. Used 1 season (20,000 bales), excellent shape. Gates Homestead Farms, 315-687-7811 or 6775 (leave word).

New Holland Super 1049 160 bale wagon, cab, shedded, 1200 hrs., excellent, \$14,500. 1049 cab, 160 bale, \$11,500. 1047 120 bale, cab, good, \$8,400. 1033 pull type 104 bale, \$5,300. 1030 pull type, 69 bale, \$2,300. Roeder Impl., Seneca, KS 913-336-2800.

NH 1400 diesel, air, 1061 hours, kept in, very good. \$6,250. Larry Stalter, "The Combine Man". 219-862-2151

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

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P.O. Box 366, Lititz, PA 17543

DEADLINES:

SECTION B - WEDNESDAY
AT 5:00 P.M.

SECTION C - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

Name _____
Address _____
City _____ State _____
Zip _____ Phone (____) _____

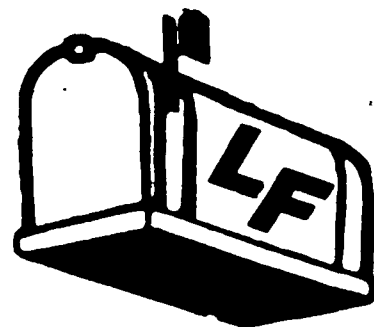
Please publish my _____ word ad _____ times
starting with the _____ issue. Classify under
_____. I enclose _____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: \$2.00 additional. This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times

11 word minimum			
Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80



Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues.,
8 a.m. to 5 p.m.
Wed., Thurs., & Fri.
7 a.m. to 5 p.m.

The following categories
are available for your
classified advertising
in Section C. Deadline-
Thursday morning at 9 of
each week's publication
1 - Farm Equipment
2 - Farm Equipment
Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories
are available for your
classified advertising, in
Section B. Deadline-
Wednesday afternoon at 5
of each week's publication.

- 7 - Livestock Equipment
- 8 - Cattle
- 9 - Horses & Mules
- 10 - Sheep & Goats
- 11 - Swine
- 12 - Artificial Breeding
- 13 - Hog Equipment & Supplies
- 14 - Poultry & Supplies
- 15 - Feed & Seed
- 16 - Fertilizer
- 17 - Plants
- 18 - Fruits & Vegetables
- 19 - Nursery
- 20 - Lawn & Garden
- 21 - Services Offered
- 22 - Custom Work
- 23 - Help Wanted
- 24 - Situations Wanted
- 25 - Business Opportunities
- 26 - Household
- 27 - Pets
- 28 - Lost
- 29 - Found
- 30 - Computers
- 31 - Notice
- 32 - Miscellaneous
- 33 - Recreational Vehicles
- 34 - Autos
- 35 - Trucks and Trailers
- 36 - Real Estate

COMBINES W/GOOD
SELECTION OF
HEADS

J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen - Good; 6600 D. w/Grain, Good For \$9,500; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; 74 JD 6600 D Hydro; 77 JD 4400 D.C.A.; JD 4400 Gas, nice (SOLD).

IH (Used) 1460 Axial Flow - 900 Hrs., Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; 715 Gas - Good; 205 w/Cab & 10' G.H.; 203 w/Grain & 227 C.H.

M.F. (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; MF (80) 760 Hydro; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - \$2,850; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A. - Nice; L dsl. w/2 heads, Nice; #90 Pull Type; Gleaner E 10' & 2 row CH.

(75) White 8600 D.C.A. Hydro w/15' Flex (SOLD); N.I. 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds.

JD 6620 w/Rear Wheel Drive; Gleaner N6 w/RWD, corn & grain.

CORNHEADS: J.D. 843, 1243 (SOLD), 643, 444, 443, 343, 244, 243, (New) 443 - \$9,300; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-\$5250 & up, 443-\$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; White 706N; Ford 4-30"; Case (404).

GRAIN HEADS: J.D. Used 220 flex, used 1 yr.; 12'-15' Incl. 213 & 215 & (2) JD 216 Flex.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, \$4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

TRACTORS: Local Trade: Used JD 4450 C.A. w/490 hrs., like new.

J.D. (New) 4450 C.A.P.S. w/FWD, \$44,500; New 4240 C.A.P.S.; New 4850, C.A.P.S.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 Q.R. \$15,500; JD 4240 C.A. Q.R., nice; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430

C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 4030-77, C.A., QR; JD 4040 PS w/R.G.; JD 4030 w/Fender; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38' Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - \$5,900; 4620 w/Cab & New Tires; 4320 w/Cab - real good (SOLD); 4320 w/R.G. nice; JD (7) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D.S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 3020 Gas, PS, original; 3010 D, nice; 4010 D w/new clutch; 4010 D. \$4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - \$3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P., P.S.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, \$33,450; 5488 Full EQ., Radial Duals - Like New; 1086 C.A. w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; 1976-1066 C.A.; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 806 D.; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for \$4,475; 706 D. - W.F.E. - 3 pt. - \$5,000; 706 W.F.E. - 3 pt. Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - \$4,250; Super M; 450 w/P.S. & F.H.; 230 w/F.H.; Super M; Farmall 504 D; Int. 240 Utility; 560D.

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new.

A.C. New AC 6080; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 180 D. - W.F.E.; Good; AC 200 D original; D17 Series 4 - w/3 pt.; D14 WF w/Hyd. Loader; AC 220, real nice; XT190D. w/3 pt.; AC 7020 C.A.

CASE (Used) 1690 C.A.P.S., 200 hrs.; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. \$6,850; 930 C.K. w/3 pt.; Case 885 D. w/L.

M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P. - \$8,500; 1135 C.A.M.P.; 1130, MF 175D w/Loader; 1100; 165 D., 65 D.

Ford TW 35, used 150 hrs., local trade, like

new.

Ford 9700 C.A., real nice; Ford 8000 D.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; TW-20 w/220 Hrs. - Damaged; Ford 641 w/Hyd. Loader; 52 Ford 8N.

Ford 860 w/PS & Loader.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - \$5,975; 1650 D., WF w/3SP; 1550 gas, 1250 D.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List \$29,000 Sale - \$19,900; 2-135 C.A.

MISC. AGRI-POWER - 9,000-115 HP - Made by Fiat - 80 Hrs.; M.M. Vista G1000 w/Cab & Loader.

(Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, 970 fender, original; JD 4230 CA, QR; 4320, 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; 560 D., Real Nice (SOLD); Int. 464 Utility, Gas; MF 1100, original; Ford County Super 6, 4WD, w/3 pt.; JD 2010 G.; Farmall Super A w/Cult., Plow & Sickle Mower.

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glencoe SS13 Fold Soil Saver; Field Queen Side Dump Wagon; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R; NH 974, 6RN C.H., used 150 acres.

CORNPICKERS: Just purchased remaining new NI pickers. Truck loads of 323 1 row & 324 w/12 roll beds & Super Shellers & Loads of Parts. Save 30% to 40%; (New) 324-2RW w/Super Sheller List \$15,390 SALE \$8,475; (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - \$2,500; 305 & 319 MNTD; JD 237 MNTD; NI 325 w/12 roll bed, like new.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder. Porter Way 1R tomato harvester w/hyd. shaker.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 5400 C.A. Hydro w/10' direct cut header; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab; JD 35.

N.H. 890, 782, 770, S717; NH 880 w/2RN C.H., nice; Fox 3310 w/3RN.

GEHL 600 w/2R; IH 830 w/3RN & Pickup.

FLAIL CHOPPERS:

(2) NH Used 38, I.H. 10 (SOLD); N.I. 4R Stalk Chopper.

FORAGE WAGONS: 4 JD 716A w/roof & tandem wagon, like new; N.H. #8 w/roof, like new; New Pequea 8x18 Bale Wagons & Hay Tedders.

HAY EQ.: BALERS: J.D. 336 W w/Thrower - Real Nice; 346 T w/Thrower; NH 310 w/Thrower; NH 320 w/170 Thrower; NH 420's, real nice; 280 W w/Motor; NH 275 & 273T w/Thrower; I.H. 440; N.I. 456 Round Baler; N.H. 851 Rd. Baler.

RAKES: Used NH 256 for \$1,450; NH 260 & 258 w/dual hitch setup.

N.I. (New) 406 w/Dolly Wheel - \$2,275.

J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, used Grim 17' Hay tedder.

HAYBINES: N.H. 1495 S/P Hydro C.A.D. - 1,100 Hrs. - Real Nice; NH 1469 S/P, 9' w/Cab; (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new.

(Used) M.C. 7E; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3R Silage Heads, New & Used 5 1/2' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adaptor plate; 5 JD C.H. harvester adaptor plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

FIELD QUEEN 1413 Flail Cutterhead, 8'.

PLANTERS: J.D. 7000- (New) 6R Cons. w/Dry Fert., Ins. & Monitor - \$12,150; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30" w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert., Insect & Monitor.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Drl.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - \$3,250; 510, 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; New IH 5100 21x7 D.D. Soybean Special w/press whls., \$5,250.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost.

GRINDER/MIXERS: NH 357; IH 1150; Brady 1050 Hydro. Gr. Mixer.

BLOWERS: NH 27; JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; I.H. 5x16 Semi-Mount w/Spring Reset; OLIVER 546 - 5x16 Spring Reset; I.H. 720-6x20 sp. reset; I.H. 700 - 6x16 Spring Reset;

NEW & USED EQUIPMENT JULY SPECIALS

		REG PRICE	SAVE	SPECIAL
HAY EQUIPMENT				
Used	NH 479 Haybine	\$ 3150	\$ 300	\$ 2850
Used	NH 488 Haybine	\$ 4350	\$ 350	\$ 4000
Used	In SOLD ke	\$ 750	\$ 150	\$ 600
Used	NH 477 Haybine 7 Ft	\$ 2375	\$ 400	\$ 1975
New	MC 7 Rotary Scythe	\$ 5150	\$ 500	\$ 4650

BALERS				
Used	J D 336 W w/Thrower	\$ 5250	\$ 500	\$ 4750
Used	Int 430 All Twine w/Thrower Nice	\$ 2350	\$ 400	\$ 1950
Used	Int 440 Baler	\$ 1350	\$ 375	\$ 975

TILLAGE				
New	Brillion 12 Ft Packer	\$ 1750	\$ 300	\$ 1450
Used	Brillion 16 Ft Packer w/Transport	\$ 1650	\$ 300	\$ 1350
Used	JD 4x3 Ft Plow	\$ 500	\$ 100	\$ 400
New	Landoll #230-22 Ft Fold Chisel Plow	\$ 9750	\$1350	\$ 8400
New	Brillion 25 Ft Crow Ft Fold Packer	\$ 5500	\$ 550	\$ 4950
Used	I H #700-6x16 Sp Reset Plow	\$ 2750	\$ 600	\$ 2150
Used	Kewanee 20 Ft Wing Disk	\$ 1950	\$ 400	\$ 1550
Used	I H #480-20 Ft Wing Disk	\$ 2350	\$ 450	\$ 1900
Used	N I 330-3R 30" w/Super Sheller	\$ 6850	\$1000	\$ 5850

CORN PLANTERS				
Used	J D 7000-4 Row W Dry Fert & Monitor	\$ 4250	\$ 400	\$ 3850
Used	J D 7000-6 Row Plate w/Inst Dry Fert	\$ 4500	\$ 550	\$ 3950
Used	J D 7000 8 Row N Liquid Inst Pop Monitor	\$ 8250	\$ 800	\$ 7450
Used	I H 400-6 Row Dry Fert Fully Eq w/No-Till Att	\$ 2950	\$ 500	\$ 2450
Used	I H 400-6 Row Liquid	\$ 1450	\$ 500	\$ 950

DRILLS				
Used	JD 8300 21x7 D D	\$ 3750	\$ 500	\$ 3250
Used	I H 510 16x7 S D w/Fert & Grass Seed	\$ 2750	\$ 400	\$ 2350

TRACTORS				
Used	J D 2940 w/Hi Low w/R G	\$14500	\$ 700	\$13800
Used	J D 4430 4 Post R G	\$ 9900	\$ 400	\$ 9500
Used	Farmall 1566 w/Cab & Duals	\$14500	\$1600	\$12900
Used	Ford 9600 w/Cab	\$ 8800	\$ 900	\$ 7900
Used	MF 1100 Original	\$ 5400	\$ 950	\$ 4450
Used	J D 3010 D L & B (as is)	\$ 4500	\$ 750	\$ 3750
New	AC 7010 Fender 20 Spd	\$19800	\$1550	\$18250
Used	A C 6080 w/R G	\$12900	\$1400	\$11500
Used	AC 220 Original	\$ 8900	\$1000	\$ 7900
Used	AC XT190D	\$ 4600	\$ 625	\$ 3975
Used	Farmall 706 Gas Tri F H	\$ 4500	\$ 650	\$ 3850
Used	Ford 7600 w/Dual Power Original	\$ 9 900	\$ 450	\$ 9 450
Used	Case 1070 PS	\$ 6850	\$ 850	\$ 6000
Used	Case 930 WF Original	\$ 4950	\$ 450	\$ 4500
Used	J D 6030 C A 175 H P	\$17300	\$1800	\$15500
Used	J D 5020 w/Duals Whls (as is)	\$ 5850	\$1100	\$ 4950
Used	I H 1468 C A 145 H P	\$ 8800	\$1550	\$ 7250
Used	Farmall 706D W F 3 Pt	\$ 5450	\$ 700	\$ 4750
Used	I H 460 Utility Gas w/Loader (as is)	\$ 3250	\$ 550	\$ 2700
Used	M F 2675 w/4 Post R G	\$10000	\$1200	\$ 8800
Used	M F 1135 w/R G	\$ 8900	\$1650	\$ 7250
Used	Oliver 2050	\$ 8800	\$1000	\$ 7800
Used	JD 2020 Gas	\$ 3250	\$ 800	\$ 2450
Used	Farmall Cub w/Mower	\$ 1650	\$ 400	\$ 1250
Used	Bobcat 520 Skid Loader as is	\$ 2450	\$ 500	\$ 1950

HARVESTERS				
Used	NH Super 717 1R & PU Head	\$ 1850	\$ 400	\$ 1450
Used	NH 770 w/2RC H	\$ 1850	\$ 400	\$ 1450

WHITE 549 6x18 Spring Reset On-Land; J.D. 7x; M.F. 6x on land hitch; (2) JD 4x16 plows.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 8'; Athens 9'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'. DISCS: Miller 10' Offset; Hutch Master 9' Offset Disk; JD 310, 13'; JD BWA, 12'; I.H. 480 - 20'; A.C. 25' Hyd. Fold; JD 230, 20' hyd. fold; JD 215, nice.

MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D. 1710 - 11'; Krause 2800-14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 21' hyd. fold, nice; JD 3 pt., 12' Mulcher.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; Brillion 10' & 16' w/end transport.

CULTIVATORS: J.D. RM 3 pt. 6R rear; JD & Int. 4 & 6R 3 pt. rear; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R-3 Pt. field cult.; J.D. 1000-25' - Hyd. Fold.

HARROWS: JD 16' & 20'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; Howard 13' Rotavator; Bush Hog 7-Shank V-Ripper \$1,650.

INDUSTRIAL: CRAWLER LOADERS: CAT 955L, Nice; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Case 1816; Gehl 3000 (SOLD) & Bobcat 722 Skid Loaders.

Oliver OC12 Crawler w/Blade Clectear

crawler w/blade.

LOADERS & BLADES: J.D. 48, 58, 148; I.H. 2050; 2250 (SOLD); 2350; 2355 (New); Used 2000, 2001 New Great Bend 700; NI Loader; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI 4R shredders; JD 400, 15' rotary hoes.

LAWN & GARDEN: IH Cub 185, Cub LoBoy; Cadet 682 & 128, 1450, 482, 169, Cub; Cub w/mower; Case 224 (SOLD); Sahto 550 w/mower; JD 950 & 650D like new.

J.D. 400 (SOLD), 318, 314, 212, 140, 112, 317, 316.

Trailer load of (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, \$6,250; Feedwagon; Besti-and Rock Picker; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; J.D. Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38

1

**FARM
EQUIPMENT**

N.H. 256 Hay Rake, rubber teeth, set-up w/ tires. \$2100. 717-768-3197.

American 40" Band Saw w/band saw sharpener, 2 new blades, with or without portable building. Rota phase converter, 40 amp, Max. single motor, 10 hp, Max. system rating, 40 hp, 230 volts. 717-687-8131.

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PARTS**

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Case 580B w/ROPS & front blade, Case 580CK, IHC 175B, AC-HD6E, Heinwerner C12, Case 1000, Case W14 loader, Case 450, Michigan 75A. Partial List Only. Other Makes and Models Available.

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Belly mounted Woods rotary mower, L59, to fit JD M, excellent condition, \$850. 717-792-1219.

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Bollens 23 HP hydrostatic 60" mower and hydraulic angle blade, \$1,850. 717-733-7408.

Braco potato harvester, seem model, field ready; JD belt pickup for 6600 combine, like new. 215-395-1213.

CAT 931 w/4 in 1, winch, \$13,200. 301-833-9091

Case 1000 Dozer, rebuilt injector pump & engine, UC 70%, runs & operators, \$5,700. 215-486-6968.

Case 1160 combine, cab, monitor, 13' grain, 4R corn head, very good condition. Perry Co. 717-589-3614 or 589-3540.

CHISHOLM & RYDER SNAP BEAN HARVESTERS: (2) 666s dsl. 2R harvesters and one 504. Complete w/dump carts. Some three ton dumps available. 609-769-3183.

Combine AC Gleaner F model, 438 corn head, 13' grain head; 22' tandem steel dump trailer w/55" sides. 301-877-9889

Combines from "The Combine Man": 8820, \$40,000; 7720, \$30,000; 6620, \$24,500; 7700, \$16,000; 6600, \$12,500; 4420, \$20,000; 4400, \$11,800; 3300, \$8,950; Int. 1480, \$32,000; 1460, \$28,500; 1440, \$26,500; 1420, \$22,500; 915, \$10,500; 815, \$9,000; 715, \$7,500; 615, \$5,950. Gleaner N-5, \$22,500; L-2, \$18,500; M-2, \$17,500; L, \$10,000; Massey Late 750, \$20,000; 510 gas, \$5,500; 410, \$5,000; White 8700, \$12,500; NH TR-70, \$17,500 and more. Corn and grain heads available. Larry Stalter, 219-862-2151.

CRAWLER LOADER AC HD4, 90%, \$8,000. 301-833-9091

CRAWLER LOADER AC HD6, ROPS, very good condition, \$7,800. 301-833-9091

CUB LOWBOY, yellow & white, like new Woods 5' mower, \$2,800/offer 301-833-9091

Cultivator: IH #663, 6 row narrow w/gage wheels, good condition. 609-586-2869

For Sale: Haybuster 107, no-till drill, new condition. Price, \$5,600. Phone 717-549-5388 or 549-2490.

For Sale: IH 80 combine, pull type, auger feed, excellent condition; IH 241 round baler, IH 91 combine for parts, good engine, 8 1/2' grain head w/pickup reel. 717-463-3371 or 717-463-2877 after 5 p.m.

For Sale: International 76 power takeoff combine. Call 717-384-4239.

For Sale: Gleaner G combine, cab w/6 NR corn head and 13' flex grain head and straw chopper, very good condition, \$8,900. 304-725-8066.

For Sale: Irrigation equipment. Two pumps, pipe, sprinklers and accessories. 717-799-5306.

For Sale: JD 2D1050 tractor, 4WD, roll guard, cab, power steering, loader bucket, forklift, only 40 hours use. Available to look at in parking garage. 717-782-2423

For Sale: JD 350 crawler loader. \$7,500. 215-445-4410

For Sale: Model 56 NH Hay Rake, good condition, 201-234-1660.

For Sale: MF 135 diesel tractor, live PTO, remotes, very good. \$3,700. or Best Offer. Lancaster County. 717-733-0660

For Sale: MF 300 12' combine and corn head. 717-273-0026

For Sale: NH 275 baler w/thrower, super sweep, hydraulic aim, field ready, looks new. Chester County. 215-932-2508

For Sale: Two New Idea 704 Unit Systems, low hours, 2 Shellers, 710 Combine, 713 Head, two 3-row narrow chopper heads, two 3-row narrow picker heads, pick up head, husking bed. 302-734-4504.

Fox chopper, pickup head, one wide row corn head, one narrow row head. Also John Deere 214 self unloading wagon. 301-343-1077.

Gilmore Tatge model 370 grain dryer in good condition, retiring, \$1750. 717-225-4185, John W. Martin, RD6, York, PA 17404.

Gleaner K, exc. condition, w/cab, 10' grain table, 3R corn head, \$7,000. Howard Co. 301-489-4630.

House trailer, 10x50, good condition, perfect for Mt. or beach home. \$750 215-932-3266.

1974 JD log skidder. After 8 P.M. 717-374-8965.

1980 4420 combine, cab, air, chopper, approx. 1,100 hrs., ready to go \$16,000. 609-455-3462

1982 MF 860 combine, 1 owner, kept inside, big tires, \$28,500. Larry Stalter, "The Combine Man" 219-862-2151

315 Int. hydrostatic combine, 13' G.H., 2R C.H., good shape, except grain pan is rusted, \$1,000 or Offer 301-834-7804.

335 potato harvester w/ hydraulic dirt shaker; NH 32' hay elevator; Jamesway 40' belt feeder; bale wagon. All in good shape. 301-582-0264.

450 JD crawler loader, 4 in 1 bucket, cab, roll guard, turbo charged, 2,900 hrs., real clean. \$14,000. 609-455-3462

'76 4430 cap, air, 130 HP, excellent condition, 4,500 hours. 717-354-0484.

8820 FWD, 218 flex, (2) 643 old style, (1) 6620 LL. All pieces nice. Call after 5 p.m. 717-632-4913

AC 904 haybine w/ operator's manual, field ready. \$650. 717-534-1253

AC WD45, \$1,500.; 252 Oliver disc, 22", \$900. 215-348-5514

Pasquali 24 HP, 4WD tractor loader, PTO, 3ph., Howard power arm, 3pt. backhoe w/pump. York, 717-927-6564.

Pea sheller, \$400, New Idea 7' hay crimper, \$150; Wagner front end loader w/manure fork, \$150. Bucks, 215-536-6094.

Shaver post driver, HD-10, new. Wholesale Price, \$1,350.. Silage blower, JD model 65, excellent condition, \$1,000. 412-443-6395

STOLTZFUS LIME SPREADER, 10' full hydraulic drive w/boom lifters and auger booms. 215-273-3072.

Straw chopper, like new, for MF 750 combine. Evenings, 717-444-3889.

FOR SALE: Farmall M; Farmall Super H; 60" pull type rotary mower, new, \$600; IH 510 grain drill w/grass seeder; IH 46 baler, very good condition, \$400; Oliver 1610 front end loader w/double cylinder bucket; IH 10' offset disk; NH 469 haybine, works well, \$400. 215-683-8547 or after 5PM, 215-375-1682.

FOR SALE: Hesston Field Queen SP side dump forage harvester, excellent condition, \$19,500. 703-721-2150 days or 703-721-2643 nights.

FOR SALE: NH 258 rake, used 3 seasons. Lanc. Co. 717-653-2475.

FOR SALE: NH 791 manure spreader, 10 ton capacity, used 2 years, good condition. Schuylkill Co. 717-739-2247.

For Sale: 1979 Case backhoe, 580C. 717-547-2387

For Sale: 1984 Allis Chalmers diesel tractor, model 6140, excellent condition, has only 125 hrs., \$12,000. 215-562-2469 after 4 p.m.

For Sale: (1) Porterway tomato harvester, in excellent condition, ready for the field, very little use, shed kept. 609-769-0156 after 6 p.m.

For Sale: 1034 NH auto. bale wagon, good condition. Also 510 MF diesel combine for parts. 717-538-9459

For Sale: (2) small gas power units, IH 123-25 h.p. and IH 135-34 h.p. Also IH 76 combine for parts. 717-463-3371 or 717-463-2877 after 5 p.m.

For Sale: 2020 John Deere, PS, live PTO, good condition, \$6,500, neg 717-665-4160.

For Sale: IH 315 Combine w/2 heads, 700 JD Grinder Mixer, MF 63 Corn Head. Call after 4 p.m. 301-941-1113

For Sale: AC Gleaner F combine with 13 ft. grain head and 4-35 corn head, good condition. 215-273-3050.

For Sale: Completely rebuilt DH478 GM diesel, owner put on less than 200 miles hauling hay, complete w/injection pump etc. Asking \$1,500 Call Supplee's Automotive Machine. 717-535-5409

For Sale: Citation model 911 high pressure and hot water washer. Call after 6 p.m., 717-653-9662.

For Sale: Dynavent Bale Chopper, model HTG w/ Yamaha 7 hp gasoline motor, like new. 201-234-1660.

For Sale: Fox Chopper 2000 w/electric knife sharpener & 7' grass head, A-1 condition, ask for Bob after 6 p.m., 717-379-3245.

For Sale: Ford 3000 tractor with front end loader, \$5500. 717-867-5458 after 5 p.m.

For Sale: IH grain drill, \$400; 12' heavy disc, \$2,000; (4) 16" MF plow; horse drawn weeder, \$50; JD 35 single row corn head, \$250; 20' aluminum van, \$1,000. 717-444-3968.

Oliver cushion trip 5 bottom plow, new coulters, paint. Asking \$1,350. 215-297-5926

Oliver G1355, 154 HP, under 2,000 hours, cab and factory duals, 540 and 1,000 PTO. Bbest reasonable offer 717-627-0200.

ONE OF A KIND. NH 404 hay conditioner, like new condition, used on less than 100 acres 717-949-3074

TANKS FOR SALE: 10, 3,000 gal.; 2, 4,000 gal.; 1, 10,000 gal.; 1, 10,000 gal. silo tank; 1, 23,000 gal. silo tank; 1, 6,000 gal. silo tank; 1, 8,500 gal. silo tank fiberglass; 2, 4,000 gal. upright fiberglass tanks; 2, 3,500 gal. upright stainless steel. NICE. 215-436-6059

TANKS-good used 500-800 gal. for fuel, culverts, etc. 215-356-5305.

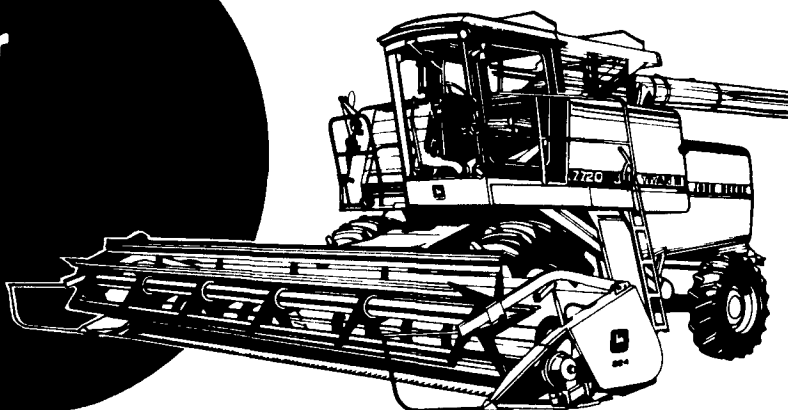
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QUALITY USED EQUIPMENT

COMBINES

- MF 510, 16' Cutterbar, 4 R Wide CH, 1977, \$7,500
- JD 7700 Factory, Rear Drive, 1977 w/JD 216 Flex Cutter Bar
- JD 7700 Hydro, Rotary Screen, 15 ft Platform, 1971
- JD 7700, 15' Platform, 1971
- JD 6600, Rotary Screen, 2172 Hrs 14' Cutterbar, 1974
- JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
- JD 7700 Gear Drive, Rotary Screen, 16' Flex Head, 1976
- JD 8820 4wd, 2550 Hrs. 1980
- JD 8820 4WD, 1,030 hrs., 1982 w/JD 220 Flex Cutter Bar & JD 843 Corn Head
- JD 15' Rigid Platform
- JD 643 CH 6 R Narrow Old Style
- JD 643 CH 6 Row N New Style

PLANTING EQUIP.

- Oliver Drill 13x7
- MF 43 Drill, 22x7
- AC 330 4 R Planter
- JD 1240 4 R Plate Planter

- JD 1240 4 R Plateless w/Fert Planter
- JD 1440 4 R No-Till Planter
- JD 7000, 8RN No-Till Liq Fert
- JD 7000 Front Fold No-till Coulters, Liq Fert

TRACTORS

- JD 4650, 500 Hrs., Duals Excellent Condition
- JD 4230, QR, 4 Post
- JD 1250, MFWD
- '85 JD 2550 Cab & Air 41 Hrs., Like New
- '83 JD 4050 w/MFWD, Cab & Air, 400 Hrs.
- '72 JD 1520 Gas
- '74 IH 1066
- '69 JD 4020, PS
- '71 JD 4620, Cab, Dual, 20 8 Tires
- '73 JD 4430, Cab & Air, QR Dual 18.4x38
- IH Farmall H w/Loader
- IH 184 Low Boy w/60" Woods Mower
- IH 154 Low Boy w/60" Woods Mower
- JD 2440 Dsl w/145 Loader, 1980
- Deutz DX110, Cab, Air, Sharp, 1980
- Deutz DX120, Cab, Air, 1981, \$12,500
- JD 4010 Dsl, WF

TILLAGE

- JD 115 Disk 10 ft 2 in like new w/Harrow, done 20 acres
- JD 210 Disk 14 ft 3 in w/Buster Bar
- IH 18 1/2' Field Cultivator
- Graber 26" Flex Fold Chisel Plow

MISC.

- JD 27 Flail Shredder
- JD 675 Skid Loader 85 Hrs new model
- JD 35 Harvester w/2RN or 2 RW Head
- JD Rotary Hoe 3 Pth
- Century Recycling Sprayer
- JD 6 1/2' Ft Rear Blade
- JD RM 630 Cultivator
- Midwest Buster Bar 14'
- JD 346 Wire Tie Baler
- AC 7' Pull Type Mower
- JD 350 Sickle Bar Mower, 3 Pt., Like New, cut 5 acres
- IH 435 Baler
- JD 336 Baler
- JD 15A Flail Chopper
- IH 60 Flail Shredder
- NH 488 Mower Conditioner
- JD 1209 Mower Conditioner
- 7 Shank Aerator

+ Cecilton location

• Chestertown location



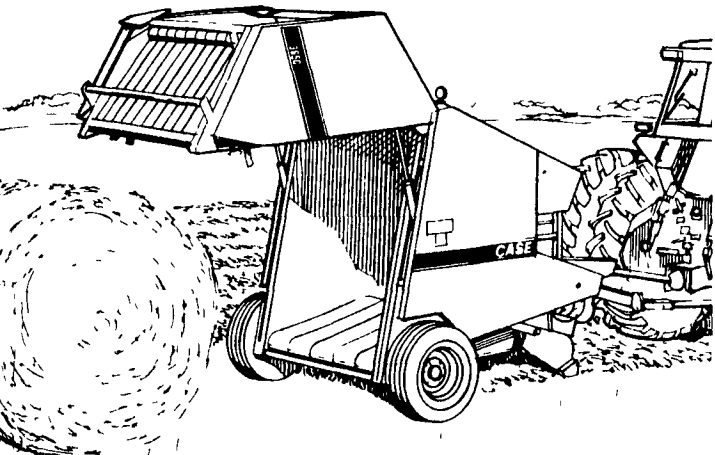
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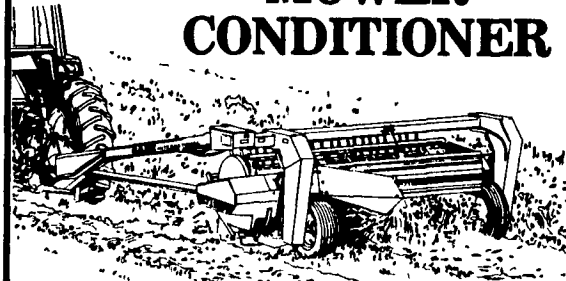


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A Great Performer...

CASE IH 1190 MOWER CONDITIONER



- Lateral Flotation
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BEANS**

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5100 Grain Drill

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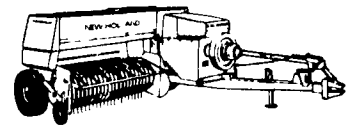


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Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.

NEW CASE IH PROGRAMS FOR ALL EQUIPMENT

N.H. 320 BALER w/70 THROWER



Excellent Condition
Like New

- Gehl 99 Twin Blower, Ex. Condition
- NH 315 Baler w/Thrower, Excellent
- NH 30 Blower, Ex. Condition

GOOD CLEAN USED EQUIPMENT

TRACTORS

- IH 884 Tractor w/Cab
- IH 350 Fast Hitch
- Farmall 300
- JD A Tractor
- IH 340 Tractor w/Fast Hitch
- Farmall Super M

TILLAGE

- 7 Tooth Glencoe Soil Saver Ex
- JD KBA 10 Ft Transport Disk Harrow
- IH 370 Disk, 12 Ft
- MF Hyd Wing Fold Disc Harrow, 19 Ft Ex Condition

SKID LOADERS

- NH L775 Skid Loader w/84" Bucket & Backhoe
- Little Dipper Loader w/Bucket - Also Makes Excellent Fork Lift
- Case 1835 Skid Loader Diesel
- NH 775 Loader w/Bucket
- NH L225 Skid Loader w/Bucket

MISCELLANEOUS

- 1 Pr Dual Wheels & Tires 31x5 15-x15 8 Ply
- 1 Pr Dual Wheels & Tires, 18 4x26 6 Ply

SPREADERS & GRINDER MIXERS

- NH 513 Spreader w/Hyd Gate
- NH 362 Tank Spreader, Excellent
- Tandem Axle Starline Tank Spreader, Excellent

PLANTING & SEEDING

- IH 400 Planter, 6 Row, w/Dry Fert
- AC Grain Drill
- IH Model 800 6 Row Air Planter, Liquid Fertilizer Fully Equipped, Ex Condition

HAY & FORAGE

- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 880 w/Pickup Attachment
- NH 24 Ft Elevator
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30 Rows
- IH 56 Blower
- IH 37 Baler
- NH 269 Baler w/Thrower
- NH 278 Baler w/Thrower
- NI 219 Cut Ditioner 9 Ft
- NH 489 Haybine
- L785 600 Hrs Like New

- NH 238 Tandem Axle Wagon w/#8 Forage Box, Roof
- NH 27 Blower
- NH 469 Haybine
- IH 990 Mower Conditioner, Excellent
- NH 258 Rake w/Dolly Wheels, Used 1 Season

FREE FINANCING TILL JAN. 1, 1987

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep Your Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

YOUR HAY MACHINE HEADQUARTERS

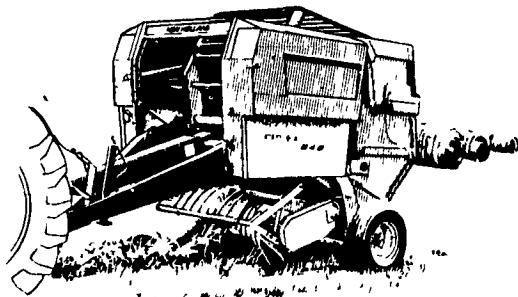
After the sale...
it's the service
that counts!



N.H. MODEL 848 & 855 ROUND BALERS

Featuring Exclusive Memory-Wrap™

Picture
Perfect
Bales



Rake & Bale in 1/2 The Time

N.H. MODEL 256 ROLABAR RAKES
w/Dual Rake Hitch



A NEW GIANT

N.H. MODEL 1900 FORAGE HARVESTER

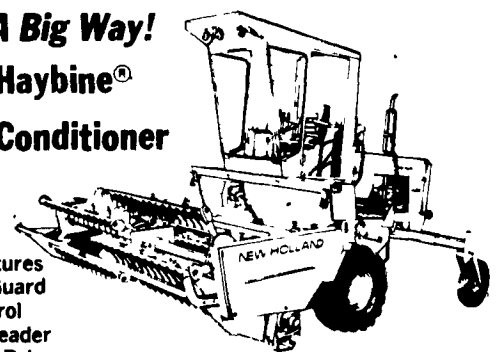


5 Year Cutterhead
Warranty

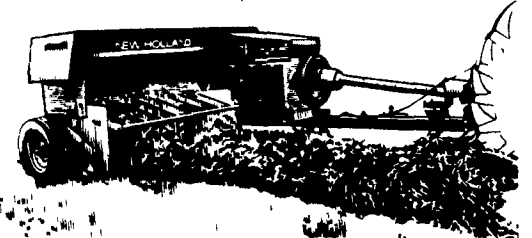
Hay In A Big Way! 1496 Haybine®

Mower/Conditioner

- Exclusive Features
- ★ Hydraulic Guard Angle Control
 - ★ Rollareel Header
 - ★ Twin Sickle Drive
 - ★ Swath or Windrow



N.H. MODEL 311, 316 & 326 BALERS



Top Of The Line

Built With Extra Rugged Features
To Handle Tough Crops

In Stock & Ready To Go!

- FREE Finance Till March 1, 1987

- 0% For 12 Months
- 5.9% For 24 Months
- 8.9% For 48 Months

PLUS

Pay Cash And Get Big Rebates Up To \$3000

FREE FINANCING On Used Equipment Till Jan. 1, 1987

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT — RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
TOLL FREE IN PA. 1-800-222-3373
WARREN SPICKLER — HOME 653-4560

★ WE SHIP UPS



**0% FINANCING
FOR
12 MONTHS
ON ALL
NEW HOLLAND
EQUIPMENT**

1 FARM EQUIPMENT

NH Baler, good condition, \$450; MF 3-14 roll over plow, very good condition, \$650; IH Model 10 drill, very good condition, \$850; JD 2R planter, good condition, \$550; 18' wagon, 8 ton running gear, like new, \$1,400. 215-488-7060.

NH Forage Wagon, crop carrier 8, steel sides, excellent condition, \$3500. JD 4010 diesel, needs work, \$2900. Off-set disk, good metal, \$800. 5-Bottom JD Plow, \$800. 215-679-2065, 215-679-6321, 215-536-8620.

NH forage harvester, model 717 single row corn head. Used only 10 hours, in new condition, \$4,500 or best offer. Call 609-845-2800 from 8:00 AM to 5:00 PM or 609-451-0573 after 5:00 PM.

NI 323 picker, \$1,500. 301-833-9091

NI701 Uni-System, 710 combine, 711GH, 729A Sheller, 725 3RNCH, good condition. 814-364-9116, Centre.

FOR SALE
12 DeLaval ARMS detachers w/arms, complete, excellent condition; also now available new Data Feed passive boards.

C & C Farmers Supply
703-433-8582

Kelly RYAN BIG BAGGER

8 & 9 Ft. Kelly Baggers Custom Bagging Manure Spreaders Wagon & Auger Mix Live Floor Bovi-Jak 20-Cows 2 Used H 190 Baggers 2 1/4 Yd. Mighty Bites AIA 8 & 9 Ft. Sing. & Duls - Fided W/H 2 Yrs. Guarantee 4-5-6 Ft. Bale Bags

AG PRODUCTS COMPANY
234 Johnston's Lane
Mercersburg, PA 17236
PHONE 717/328-3177

Wide Front For Farmalls 460 thru 1456 w/hubs
Fast Hitch For Farmalls C thru 230, also misc. parts for same Radiator for 806 and or 856 Farmalls
Head for IH, C-221, C-263, C-282, C-291 and C-301, Parts #383-665-R94, will fit Farmalls 460 thru 856, gas engines. Also misc. engine & trans & body parts for 806
IH 255x455 4 row cultivators
345 IH truck engine, recently overhauled
Call 717-872-9152 Daytime
717-872-2579 Evenings & Weekends

NH 477 Haybine; NH 273 Baler w/thrower and hydraulic aim; JD 660 Rake w/dolly; two Bale Wagons. \$8500 takes all. 717-334-5768, Adams Co.

NH 477 haybine, \$2,300.; NH Super 23 blower, \$125.; NI silage wagon, \$475. 717-534-1253

NH 851 Roll Baler, auto. wrap, in new condition, priced to sell. After 6 p.m., 304-274-1931.

NH 890 Harvester w/12 new knives & electric controls, 3RN cornhead & grass pickup, \$4,500. 717-529-2512.

NH #8 Forage Box for parts or repair, (bad wood). Best offer. 717-758-2074.

RISSLER FORAGE MIXERS

5 Sizes Up To 230 Cu. Ft. Capacity

- Fast 2-3 Minute Mix Time
- Low Power Requirements
- Beam Or Dial Scales

Buy Direct & Save

We're In Business For The Farmer

I.H. RISSLER MFG. CO.
Box 64, RD 3, Denver Rd.
Denver, PA 17517
(215) 267-2453

NH 1469 self propelled haybine w/cab & Ford engine, excellent condition. 717-463-3371 or 717-463-2877 after 5 p.m.

N.H. 311 Engine Baler, Super Sweep, wagon hitch, (new), \$7400. Jacob M. Fisher, 3230 E. Gordon Rd., Gordonville, PA. 17529.

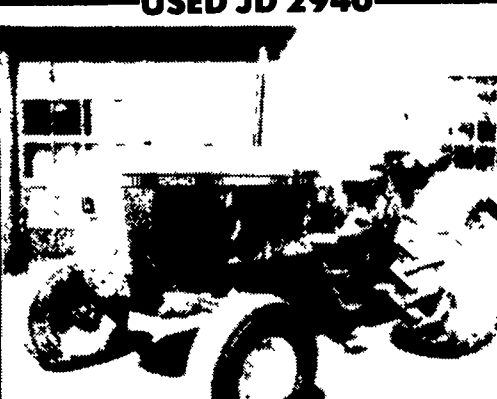
NH 315 Baler w/thrower, like new condition, \$4795. JD 4230, cab & air, good condition, \$12,500. 814-793-2339.

FOR SALE

MF 1155 w/cab & air White 2-45 w/loader AC 720 w/mower & loader Schwartz 1730 Quick-tach loader AC field cultivator 7 tooth soil saver JD 2940 MF 1105 MF 184-4, 4WD IH 574 D Landini 5830, 4WD NH 770 Harvester NH Super 717 harvester w/2 heads 7 tooth Chisel Plow Irrigation pump w/pipe

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

USED JD 2940



1981, 1500 hrs. Dual Outlets, 18.4x34 Rear Tires, 1 Owner, Real Clean.
\$14,000⁰⁰

WENGER IMP. INC.
RD 1 Box 104
Quarryville, PA 17566
Phone 717-284-4141

NEW EQUIPMENT CLEARANCE

Gehl 2160 Mower Conditioner 9' Cut \$6500
Gehl 1860 Round Baler 5'x6' Bales..... \$9000
Gehl 1500 Bale Handler..... \$1800

WAIVER OF INTEREST ON USED TRACTORS UNTIL JAN. 1, 1987

USED EQUIPMENT MISCELLANEOUS SPREADERS

Bush Hog 10' Mower	IH Grain Drill	NI 213
Gehl 1580 Blower	Badger Box	NI 214
Mechanical Trans-planter	NH 8 Forage Box	NI 224
5' 3 Pt. Rototiller	OMC 217 Mower	NH 675
JD-AC-IH Corn Planters	Conditioner	NI 212

NEW IDEA

767 Forage Harvester
763 Row Crop
766 Hay Pickup
838 Uni Husker
325/329 Picker Sheller
404 Wheel Rake

TRACTORS

Case 1816B Uniloader
Case 2290 Cab
JD 2640
JD 60
Case 580 C Loader
Case 1835 Uniloader
Case 2090 Cab

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521

BUSH-HOG **NEW IDEA**

GEHL **case** **HEDLAND MARTIN**

Gets into your system

Used forage wagons, \$275 to \$875; MF combine 300, \$2,800; 750 diesel hydro, \$10,000; New Hesston 2 row narrow corn head, \$2,000; Hesston round bale processor, \$2,000. Erdley Equip. 717-524-2410

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884.

Nicholson Hay Tedder; High clearance A tractor w/cultivator; C Gehl silo filler, like new. 717-687-7968.

White 13' grain head for 86 or 8800 Combine, Hart Carter floating head, \$650. 215-343-2444.

White 2-150 cab and air. 814-793-4293

White Oliver 1955, 2,100 hrs., original paint. Must See. \$5,600. 301-833-9091

USED TRACTORS

JD 4040 w/Cab	IH 986
JD 3020	Case 1210 w/4WD & Loader
AC 6080	Case 730
AC 7040	AC 7045
AC 7030	AC 7045 w/4WD
AC D21	
AC 200 w/Cab	

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F2
MF 300 13 ft. Platform & Cab
JD 6620 Side Hill 6 Row Corn Head, 15' Platform

USED PLOWS

White 6BT	JD 4BT
Oliver 6BT	2 Chisel Plows
IH 5BT	JD 3BT

PLANTERS

JD 7000 Conservation 8 Row
JD 494A 4R
AC 300 2R
JD 8300 Grain Drill

SPECIAL SAVINGS ON ALL NEW & USED FARM EQUIPMENT PLUS FREE FINANCE UNTIL USE SEASON

UNIONTOWN FARM EQUIPMENT
Box 1030 Rt. 119N
Uniontown, PA 15401
Call 412-437-9851

JD 4230, fender tractor, dual hyd., \$8500. 814-793-4293.

JD 4430, 4 post roll guard, power shift, new rubber. 814-793-4293.

JD 4520, fender tractor, power shift, dual hyd., \$6500. 814-793-4293.

JD 6030, factory cab, 38" rubber, dual hyd., 176 hp, \$10,000. 814-793-4293.

JD 60 Tractor, nice condition, \$1,300. 717-532-7054.

Oliver 1755 w/3 speed trans., WF, \$5500. 814-793-4293.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

White 2-105 Fender tractor, \$7500. 814-793-4293.

NEW EQUIPMENT

TRACTORS	PLANTING EQUIP.
JD 650, 2WD	JD 7000 Cons. Pltr. 6R
JD 750 2WD & 4WD	JD 8200 21x7 Plain Drills
JD 850, 4WD	JD 71 Flex Planters
JD 950, 2WD	
JD 4050 SG, QR	
JD 4250 MFWD, SG, PS	
JD 4450 MFWD SG, PS	
OTHER EQUIPMENT	HAY TOOLS
JD 1065, 1075 & 1275 Wagon	JD 1219 Mower Conditioner
JD 716 Hay Fg. Wagon	JD 430 Rd. Baler
	JD 327 Baler
	NH 316 Baler
	JD 660, 670 Rakes
COMBINES & HEADS	USED EQUIPMENT
JD 643 Corn Head	IH 1066 w/Cab
JD 444 Corn Head	AC 200 w/Cab
	ACWD
	JD 3300 Combine
	JD 237 Picker
	JD 16' Grain Platform
TILLAGE EQUIPMENT	AC K2 Combine
JD 2800 5B Plow	Fox 3000 Fg. Harv.
JD 215 11'5" & 12'10" Disc	Lely Roterra 13'6"
JD 1610 Chisel Plow	JD 346 W Baler w/Thrower
JD 712 Mulch Tiller, 13'	

WAIVER OF INTEREST ON MANY ITEMS

I.G. SALES

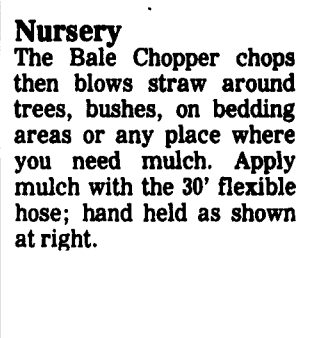
DeLAVAL Silverdale, PA 18962
JAMESWAY 215-257-5135

Quonset Buildings

Check With Us For The Bale Chopper You Need For Commercial And Agricultural Uses

THE BALE CHOPPER IS THE GOOSSEN SOLUTION FOR LANDSCAPE, NURSERY AND BERRY MULCHING

Nursery
The Bale Chopper chops then blows straw around trees, bushes, on bedding areas or any place where you need mulch. Apply mulch with the 30' flexible hose; hand held as shown at right.



Berry Farming
The Bale Chopper is ideal for mulching strawberries or any row crop.



Residential & Commercial Landscaping
The Bale Chopper evenly applies straw over large areas, and is easy to use around trees, behind bushes, or in any hard to reach spot. And it takes the Bale Chopper less than a minute to thoroughly shred and distribute an entire bale, so even large mulching jobs are completed quickly.



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SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located 1/2 Mile North of Rothsville
(717) 626-4705
Hours Mon-Fri 7 AM - 5 PM; Sat 7 AM - 11:30 AM
Sun Closed - Lord's Day

USED EQUIPMENT

* 8.8% Financing or Waiver of Interest till 1/1/87
and/or Cash Rebates

PLANTING EQUIPMENT

4489 JD 8300 Drill 18x7
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill

COMBINES

*4058 AC N6 *3784 IH 1440
*4784 NH TR70 *3775 IH 1460
*4090 NH 1500 *3882 IH 915
*3866 NH 1400 *3983 IH 915
*3058 JD 7700 w/Chopper *4868 IH 1480

MISC. EQUIPMENT

4798 Woods 214 Mower
4518 IH 46 Baler
4031 NI 212 Manure Spreader
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
4721 John Blue 700 Sprayer
3900 John Blue 1000 Gal. Sprayer
4613 IH 60 Shredder
4887 Rhino Flex 15 Mower

GOOD SELECTION OF CORNHEADS AND
PLATFORMS

TRACTORS

4534 IH 986 4783 IH 886
4646 IH 560 4586 Deutz DX140
4101 IH 784 4752 Deutz 4006
4722 IH 4568 4558 Farmall H
4707 IH 1206 3335 JD 8630
4886 IH 454 D

TILLAGE

4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
4496 IH 475 Disk 13'
3841 IH 540 Plow
3799 IH 370 Disc 14'
4659 Krause 4133 Field Cultivator
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
5419 JD 22 Shank Chisel Plow
6247 JD 310 Disc
5534 Glencoe Soil Finisher, 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc
4559 Oliver 560 Plow
4587 Brillion 16' Field Cultivator
4545 MF 345 Plow

NEW EQUIPMENT

WHITE-
2-88 Tractor w/Cab
508 4/5 Bot. Plow
598 5/6 Bot. Plow
5100 6-Row Planter
w/Dry Fert.

KUHN-

10' 2 Pull Type Tedder
11' 6 Rake & Tedder
17' Pull Type Tedder

GEHL-

4510 Skid Steer Loader
BU960 For. Box
FB 1540 Blower
MC 2160 Mower
Conditioner
RM 1460 Round
Baler
DC 2330 Disc Mower
Cond.

NEW IDEA

FARM EQUIPMENT
NEW IDEA-
353 Spreader
272 Cutditcher

USED EQUIPMENT

No. 702 Uni System
w/Cornpicker
Woods 6 ft.
Rotary Mower
Gehl 910 Forage Box
Gehl 2500 Skid Steer
Loader
NH 256 Rake

**MILLER
EQUIPMENT CO.**
RD 1 Bechtelsville, PA
215-845-2911

Lancaster Farming, Saturday, July 5, 1986-C17

1 FARM EQUIPMENT

JD 2940 with roll guard,
700 hours.
814-793-4293.

JD 2940 w/mechanical
4WD, excellent condition,
1300 hours, \$14,500.
814-793-4293.

JD 3020, side console,
nice condition, \$6,200.
717-532-7054.

JD 4020, 72 model, roll
guard, dual hyd., excel-
lent. 814-793-4293.

JD 4020, 72 model, year
round cab, air cond., dual
hyd., exc. cond.
814-793-4293.

JD 4020 Dsl. NF, rebuilt
engine, new paint, very
nice, \$5,200.
717-532-7054.

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow \$5275
Dunham 3 Bar 8 Tooth Chisel Plow
Spring Loader 32" Shanks \$1695
Dunham 8' & 10' Cultipackers Special Prices

USED EQUIPMENT

IH 37 Baler
NH 268 Baler
NH 310 Baler
(2) NH 315 SS
Baler Exc.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 478 Haybine
NH 56 Rake
NH 258 Rake
Butler Oswalt 1830
Ensilmixer
Butler 280 Ensilmixer
Stainless Steel
Lined

Elect Controls for
a 770 Harvester
IH 56 Blower
Case 4B Plow
NH 717 Harvester
NH 518 Spreader
NH 519 Spreader Hyd
Endgate
NH 679 Spreader
w/Hyd End Gate
& Top Beater
NH 770 Harvester
w/Electric Control,
2 Row Head and
Corn Head.
NH 467 Haybine
JD 7000 Corn Planter 6
Row Narrow w/Monitor

DEALER FOR



Livestock
Systems



Roskamp
HUTCHMASTER



DEUTZ
ALLIS

Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

AC 830, 2 WD, Full
Warranty, Demo
50% Off List Price

NH 355 Grinder Mixer w/Scales
NH 791 Manure Spreader w/Endgate
NH 795 Manure Spreader w/Top Beater &
Endgate
NH #28 Blower
Grimm 8' Tedder
Deutz Allis 6080 All Wheel Drive Tractor
(Demo) \$18,250
Deutz Allis 6080, 2 WD, \$17,150
Deutz Allis 6140, 4 WD, \$12,600
NH 326 Baler w/#70 Thrower
NH 258 Hyd. Drive Rake

USED EQUIPMENT

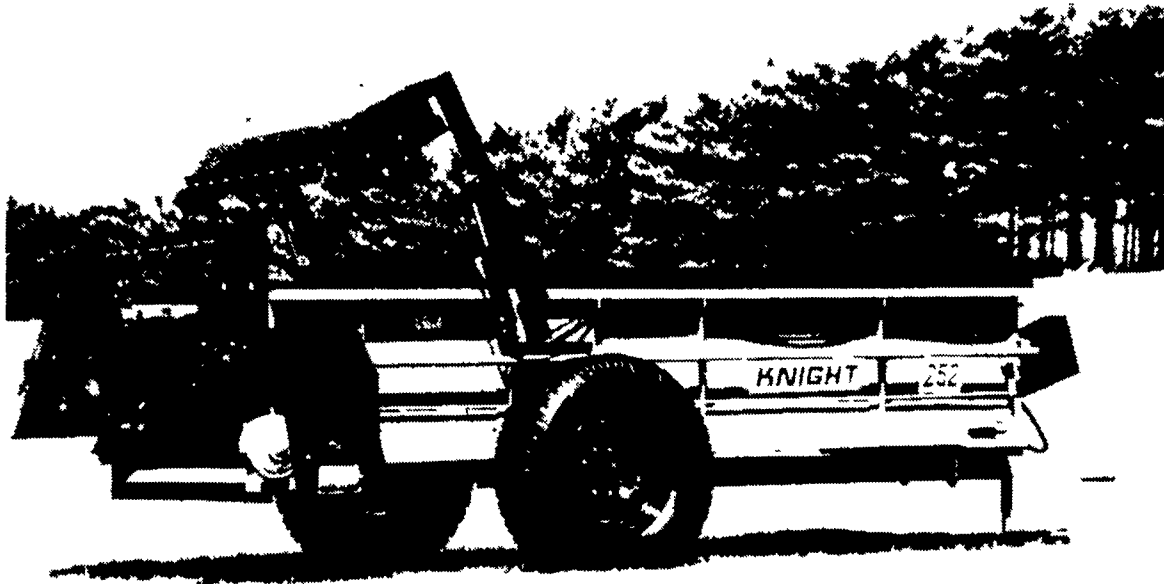
AC 5050 Tractor
AC CA
Newfield 465 Tractor
NH 358 Grinder Mixer, Like New
NH 479 Haybine
NH 276 Baler w/Thrower
JD 336 Baler w/#30 Thrower
IH 46 Rake
Oliver 4-16" Semi-Mount Plow
AC B w/Cultivator
(2) NH #30 Blower
NH 56 Blower
IH 51 Forage Wagon
AC Pitmanless 3 PTH Mower
Farmall 460 Dsl. Tractor

Farm & Lawn
Equipment

**BHM FARM
EQUIPMENT, INC**
Annville, PA

717-867-2211

IF YOU WANT HEAVY-DUTY QUALITY GET A KNIGHT 252 MANURE SPREADER With Copper Bearing Steel To Resist Rust



Equipped with Top Beater, Main Beater
and Lower Spinner Beater...A Knight
EXCLUSIVE For Fines Or Liquid
250 Bushel w/Hydraulic Endgate
Call For A Good Deal! \$5,250



SOUP-ER SOLID
"410"
MANURE SPREADER

IN
STOCK

Dairymen and cattlemen alike have found the increased capacity and the maneuverability of the #410 spreader advantageous to their operations

The #410 offers the low profile of the model #350 yet carries a larger load 20% longer and 2' deeper 4 x 6 hardwood top rails are standard Available with 8 bolt 20 tandem wheels or the #410 may also be truck mounted

The box construction is heavy duty all steel with 10 ga bottom and 11 ga sides welded as one unit Heavy auger style beaters with alloy steel "ripper" teeth shred frozen manure for easy spreading Hydro fluid endgate seals sloppy manure Auger type top beaters spread that extra high load

You can expect top performance and you'll get it from the Knight #410 manure spreader

You can
depend
on a
Knight

Since 1945

The model #410 may be truck mounted
for those operations that need a self
propelled unit (Model #350 shown)

**BINKLEY-HURST
BROS. INC.**

SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543

Located 1/2 Mile North of Rothsville

(717) 626-4705

Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

NEW IDEA



TRACTORS

- Case 400
- Case 800 w/Loader
- Case 1030
- Case 1070
- Case 1490
- JD "A" Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- Ford Jubilee

LOADERS

- Case 1816C Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader
- JD 24 Uniloader

TILLAGE

- IH 3-16 Plows (2)
- IH 370 Disc, 10 Ft
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- 3 Pt. Disk
- JD KBA 9 1/2 Ft. Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 326 Husker
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 600 Snapper Head
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Windrower, 14 Ft.
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler

MISCELLANEOUS

- Zimmerman 40 Ft. Elevator
- King Wise 32' Elevator
- IH 56 Baler
- Int. 56 4-Row Planter
- 4-Row Cole Corn Planter
- 3-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel

Heavy Duty Tubular

MARTIN'S GATES 20% OFF

USED OSWALT STATIONARY MIXER WITH SCALES!

NEW SPECIAL NEW IDEA 404 WHEEL RAKE \$1,250

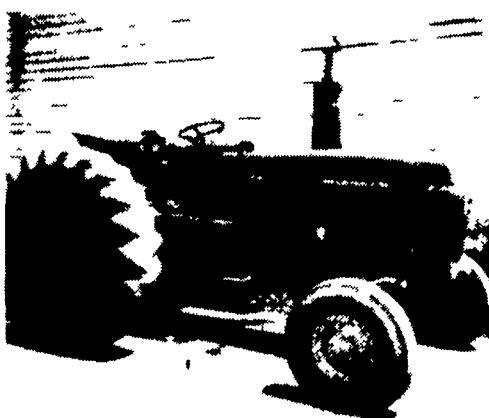
HESSTON FARM EQUIPMENT

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AC D19, 3 pt. WF, 814-793-4293.

AC 7000 Fender tractor, 1100 hours, excellent condition, \$8500. 814-793-4293.

LORLIN TRACTOR SALES



JD 2840

79 Model, New High-Low, Dual Hyd., Original, 38 Rubber, Clean
\$7,900

OTHER TRACTORS

- JD 2510, Diesel, WFE.....\$4,500
- JD 4020, WFE, Dual Hyd.....\$5,900
- JD 4000 WFE, Side Console....\$6,500
- JD 2030 Diesel, Utility.....\$6,500
- JD 4520, Cab, Powershift, Dual Hyd.....\$6,900
- JD 4320, Side Console, Dual Hyd.....\$7,500
- JD 2940, High-Low, Dual Hyd. \$11,500
- JD 4430, Cab, 77 Model.....\$11,500

717-532-8926

Can Finance No Sunday Calls

USED EQUIPMENT

SPECIAL OF MONTH

500 Gal. Demco Trailer Sprayer w/40' Boom

TRACTORS

- JD 8450, low hrs., w/Folding JD 335 Disk
- JD 4630 w/duals, PS, engine overhauled \$17,000
- JD 2940, 1275 hrs.....\$15,000
- JD 2640 w/145 Loader.....\$14,500
- JD A w/227 Picker.....\$1,400
- IH 1486 w/Duals.....\$16,900
- IHC w/Equip.....\$1,900
- IH 350 w/Loader.....\$1,700
- Ford 3000 w/Loader.....\$4,500
- Ford 6000.....\$2,900
- MF 1105 w/Cab.....\$12,500
- ACB w/Attachments.....\$1,200
- ACD14.....\$2,500
- Oliver 1650 Diesel Overhauled.....\$5,500
- Long 450 Dsl.....\$4,500

COMBINES

- JD 6620 Sidehill w/643 C.H. & JD 215 Rigid Head.....\$50,000
- JD 643 Corn Head.....\$8,500
- JD 444 Corn Head.....\$4,500
- JD 215 Rigid Head.....\$3,500

PLANTERS

- JD 6R Cons., Dry Fertilizer.....\$7,900
- JD 4 Row Cons. Liquid.....\$5,400
- JD 4R Cons. w/Dry Fert.....\$5,900
- (4) JD 6R Cons.....Starting at \$7,500
- IH 400, 4R.....\$1,200

TILLAGE

- JD BWA 16' Wing Disk.....\$2,200
- JD 1600 Pull Type 10' Chisel Plow.....\$1,900
- IH 370 12' Disk.....\$1,800
- IH 11' Pull Type Chisel Plow.....\$700

Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

- JD 1219 Mower Conditioner.....\$5,900
- JD 336 Baler.....\$4,500
- JD 14T Baler.....\$1,200
- Gehl 1500 Round Baler.....Coming In
- NH 851 Round Baler.....Coming In
- NH 276 Baler.....Coming In
- JD 750 Grinder Mixer.....\$3,500
- JD 894 Rake.....\$500
- NH 469 Haybine.....\$1,000
- IH 720 Harvester w/2 Heads.....\$3,500
- Ford Sickle Mower.....\$400
- JD 214 Forage Wagon.....Coming In

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone: 717-362-3132



AC HD11 direct start dozer w/blade, \$7500. 814-793-4293.

CHISHOLM RIDER SNAP BEAN HARVESTERS: One 340, two 504's, complete w/dump wagon; 40' wire side trailer w/ belt. Salem Co., 609-299-3910.

Combines, corn heads, grain heads-inventory moving fast. It's hard to keep up with advertising. Wholesale prices only. Call us. Larry Stalter, "The Combine Man". 219-862-2151

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others. Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders. Call or write for equipment and parts brochure. **VILSMEIER EQUIPMENT, INC.**
Route 309
Montgomeryville, Pa. 18936
Phone: 215-699-3533

Farmec 24' elevator, like new; IH PTO or ground drive corn binder, real good; Super C w/ cultivators. 717-687-7968.
Farm fan Model 350 batch grain dryer/ augers. 609-259-3733.
FOR SALE: 345 Mustang skid loader; 930 Case diesel tractor; AC 14' wing disc. 717-684-3579.
Int. 1066 w/cab, new tork, excellent condition. 814-793-4293

Int. 856, original paint, dual hydraulics, 38" rubber, excellent condition. 814-793-4293.
JD 2040 Utility tractor, \$6,000. 814-793-4293.
JD 2240 Tractor w/ loader, very nice, \$9,500. 717-532-7054.
JD 2640, utility tractor, good condition, \$7500. 814-793-4293.
JD 2840, roll guard, canopy & weather enclosure, \$10,500. 814-793-3782.

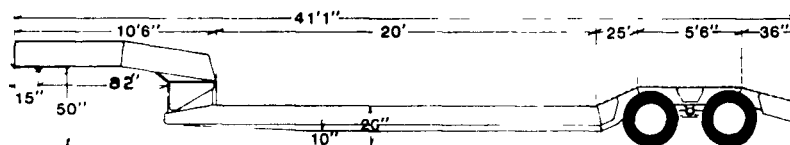
Eager Beaver. 35GHG/BR IN STOCK

AMERICA'S FAVORITE 35 TON DETACHABLE COMES LOADED WITH OVER \$3000 WORTH OF FREE OPTIONS



FREE

- New Scraperneck - A low-profile neck for more load space - A \$750 Value
- New Michelin Pilote XZA Low-Profile Tires - 255/70R22.5 with big 16 1/2" x 7" Brakes - A \$900 Value
- Lock-in, lock-out outriggers - A \$1350 Value



Capacity at 40 MPH	Trailer Weight	Gross Vehicle Weight at 40 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
70,000 lbs 31,752 kg	15,600 lbs 7,076 kg	85,600 lbs 38,826 kg	41' 1" 12,522mm	96" 2,438mm	20' 6,096mm	96" 2,438mm	26" 660mm

HYDRAULIC POWER UNIT

Engine 8 hp Kohler gasoline electric start rated at 3600 RPM
Pump Webster gear pump 5 GPM at 3600 RPM
Control Valve Gresen SP4
Hydraulic Cylinder 7 Bore 26 Stroke
Outside Controls Key start choke and control valve all at eye level
Decking 2 Nominal Hardwood
Ramps Length 54' width 22' loading width adjustment 96" to 23'
Lights 12 volt DOT approved sealed beam rubber mounted with sealed modular wiring harness

Color Manufacturer's Standard Yellow

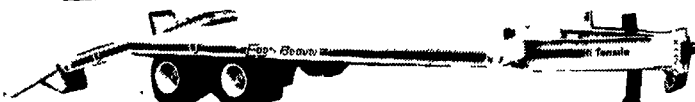
Hubs (4) Cast spoke 20
Rims (8) 8.25 x 22.5
Axles capacity 25,000 lbs each
Suspension Hutch H 900 50 Single Point Spring capacity 50,000 lbs
Break-a-way System Integral
OTHER FEATURES
Hi Tensile steel mainframe • Pierced crossmembers
• Stemco oil seals

List...\$23,350

SALE \$19,895 Plus F.E.T.

Eager Beaver. 20HA

20 TON HEAVY AIR BRAKES 20 HA

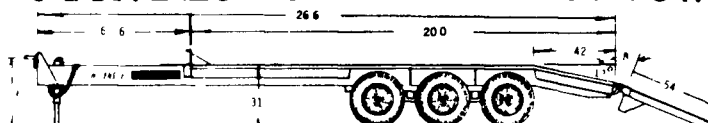


List...\$12,095

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial
Plus F.E.T. \$846.00

CLEARANCE PRICE \$9,250

9 TON DECK-OVER-WHEELS 9 DOW



9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control.

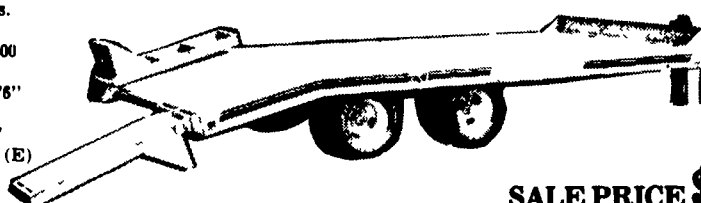
NEW MODEL 9 DOW CLEARANCE

Reg. List Price, Setup....\$5,500
SALE PRICE ONLY \$4,350
Also Available: B9 DOW BUDD WHEEL MODEL.....\$4,550

Eager Beaver

NEW WITH ELECTRIC BRAKES! 10 Ton Heavy Duty Brakes 10HDB

- Capacity: 20,000 lbs. at 54 MPH
- Trailer Weight: 5,800 lbs.
- Overall Length: 24'6"
- Deck Width: 96"
- Deck Height: 32 1/2"
- Tires: (8) 8.75x16.5 (E)
- Overall Width: 96"
- Deck Length: 20'



Reg. Price \$9,050

SALE PRICE \$7,300

BINKLEY & HURST BROS. INC.

SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543

Located 1/2 Mile North of Rothsville

(717) 626-4705

Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

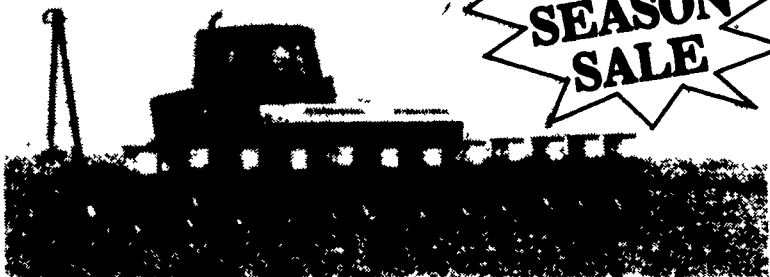


Faster, earlier planting...
early rising crops.

800 SERIES PLANTERS

*In Stock, Set-Up,
Ready For The Field!*

**END OF
SEASON
SALE**



- **New IH 800 CYCLO PLANTER w/SEED FLOW MONITOR, 6 Row 30", Soybean Drum & Corn Drum, Row Markers, Insecticide Boxes, 1000 RPM, Dry Fertilizer**

\$9,950 \$8,995 CASH

- **NEW IH 800 CYCLO PLANTER w/SEED FLOW MONITOR, 4 Row 30", Insecticide, Dry Fertilizer, Markers**

\$8,150 \$7,495 CASH

**IN STOCK...Only A Few Left
Get A Good Deal Now!**

NEW IH 254 2 WHEEL DRIVE



21 H.P. w/Turf
Tires, Syncro-
Mesh Trans.

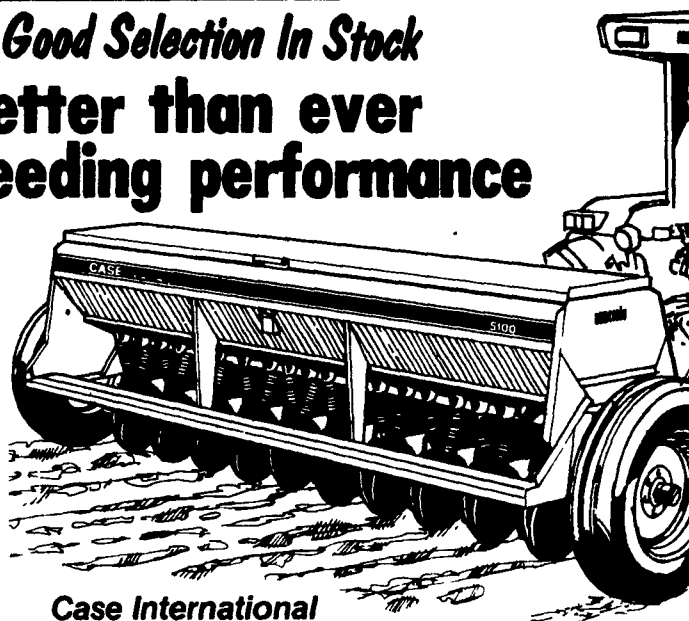
**CALL FOR
OUR
BEST DEAL**

NEW CASE IH MODEL 1394 65 H.P.



w/540-1000 PTO, 12 Speed
Trans., Ser. No. 3992

A Good Selection In Stock Better than ever seeding performance



**Case International
5100 Grain Drill**

Exclusive fluted roll feed cups with tapered metering edge are unequalled for varieties and seed sizes they will accurately sow. Magnetic feed cup covers allow fast conversion from solid to row-crop seeding.

- Up to 2 4 bu -per-foot hoppers or two-ratio grain/fertilizer hoppers
- Openers and equipment can be tailored to a wide range of conditions
- Drop-bottom fertilizer hoppers for easy clean-out
- 9 models 7'8" to 13'4" with choice of 6 to 10" spacings
- Soft center press wheels assure thorough seed coverage
- New optional marker system for multiple drill hookups saves seed and time

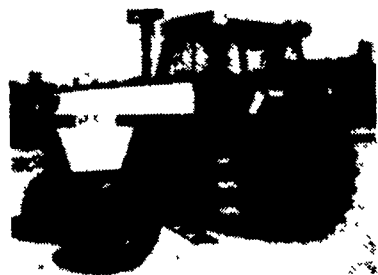


**Come in and see why
Case International drills lead the field.**

Your Place To Buy... Come And See Us Now!

YOUR CHOICE OF TWO NEW CASE TRACTORS PROVEN NO. 1 IN RECENT NEBRASKA FUEL EFFICIENCY TESTS FOR 100 TO 120 HP CLASS

Why Not Try A Winner Now



CASE 2096 2 WHEEL DRIVE
Rated 115 H.P., 11.00x16 Front Tires
& 20.8x38 Radial Rear Tires, Twin Hyd.
Outlets, 540-1000 PTO, Telescopic 3 Pt.
Hitch Arms, Weight Frame w/6
Weights, No. 9938072

\$27,800
w/8.8% Financing



CASE 2096 ALL WHEEL DRIVE
Rated 115 H.P., 14.9x28 Front Tires &
18.4x38 Radial Rear Tires, 540-1000
PTO, Telescopic 3 Pt. Hitch Arms,
Special Radar Wheel Slip Monitor For
True Ground Speed, Weight Frame
w/12 Weights

ONLY \$32,950
w/8.8% Financing, So
Trade-Up Now!

NEW IH MODEL 234



15 H.P. w/
Flotation
Turf Tires,
Gear Trans.,
3 Pt. Hitch

w/F35 Woods 60" Mower

**Buy Complete
Package For Only \$6,525**
13.5% Financing Available, Including Insurance



*You Can't Go Wrong
If You Need A
Baler!*

Try A New
CASE IH 435

BALER w/A NO. 15 AUTO. THROWER

**Pay Only \$9,369 & Get Waiver
Till May 1, 1987 OR 5% Financing
OR PAY CASH, ONLY \$8,710**

Now Is The Time!

NEW...SPECIAL DISCOUNT ON 1816C SKID STEER LOADER



- 16 HP Onan Engine
- Breakout Force Over 1000 Lbs.
- Weight: Approx. 1 Ton
- Factory List \$9,188.00 Value
- 27x8.50x15 Tires
- Your Choice Of Numerous Bucket Options Available
- Serial #9880359

SALE PRICE... \$5,860

BOBCAT 825 HYDROSTATIC DRIVE DIESEL



1978 Model w/42 HP Perkins
Diesel, Hydrostatic Drive

ONLY \$6,950

CASE 2290 Rate 129 HP w/Power Shift



Like New, Only 420 Hrs., Cab,
Air, Heat, 20.8x38 Firestone
Radial Tires, 10 Front Weights,
Stock No. UT1020

ONLY \$21,800

CASE 1690 DIESEL TRACTOR Standard Shift 12 Speed Rated 90 HP



Like New, Only 1128 Hrs., 18.4x38
Tires, 10:00x16 Front Tires, Twin
Hydraulic Remotes
Priced Right!

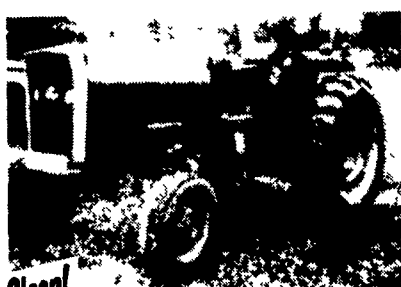
HYDRO 100 DIESEL w/Cab, Air, Heater



1975 Model, 18.4x38 80%

\$9,800 \$8,900

MF 1085 DIESEL TRACTOR



Very Clean!

Rebuilt Motor & Driveline, 1973 Model

IH 1066 TRACTOR W/CAB



Good - 1 Owner
Like New 20.8x38
Tires, New TA
Used 180 Hrs.

**CASH
PRICE \$9,800**



**Excellent Used
IH MODEL 3450 ROUND BALER
Must See To Appreciate
ONLY \$4,980**

**BINKLEY HURST
BROS INC.**

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Located 1/2 Mile North of Rothsville

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Hours: Mon - Fri 7 AM - 5 PM; Sat 7 AM - 11:30 AM
Sun. Closed - Lord's Day

Machinery Specials Check For New Arrivals!

- Ford 6600 Diesel w/Dual Power, 16.9x24 Tires, Clean Only \$8,500
 - IH Model 7000 Gas Rough Terrain Forklift, 1971 Model, Hydrostatic Lift, 4,000 Lbs., Up To 10'8", Must See To Appreciate \$8,850
 - Case 2290 Tractor w/Cab, Air, Heat, AM/FM Radio, New Tires, Power Shift, Local Trade \$15,500
 - IH Model 56 Blower, No. 20328 \$975
 - IH Model 56 Blower, No. U111, Ready For Hard Work \$1,295
 - NH Model 790 Manure Spreader w/Top Beater
 - 18 Ft. Taylorway Wing Disk w/9" Spacing, Hydraulic Wing Fold, Flex Type Spring Hangers w/New Earth Metal 20" Diameter Blades On Front Gangs and 20" Used On Rear Gangs \$4,650
 - Steiger Wildcat ST 210 4 Wheel w/3208 Cat Engine, Only 400 Hrs., 3 Hydraulic Valves, 3 Pt. Hitch, 18.4x34 Duals, Buy at 8.8% Financing Call For A Good Deal
 - Case 2670 251 HP Rating, 4 Wheel Drive w/3 Pt. Hitch, PTO, 20.8x34 Duals, Clean and Priced Right!
 - Used Case 2290 Tractor w/Cab, Air, Heat, Approx. 130 HP, Firestone Radial Tires, 10 Front Weights, Only 400 Hrs.
 - Case 1490 MFP All Wheel Drive, 70 HP Tractor w/Standard Shift
 - (2) Used Gehl 810 Forage Boxes On Running Gears, No Roof \$1,200 Each
 - Gehl Model 88 Blower \$450
 - New Quick-Attach Pallet Forks For Your Bucket Loaders One Set In Stock 4,000 Lb. Rating Only \$585
 - New! 3 Pt. Fertilizer Spreader & Seed Caster 1M Model 1010 10 Bushel Size \$329
 - 1M Model 610 6 Bushel Size \$284
 - New Holland Model 80 3 Pt. Round Bale Mover, Less Cylinder \$385
 - Good Used Gehl 99 Hi-Throw Blower, 540 PTO Only \$1,295
 - Good White Model 5400 No-Till 4 Row Planter, Seed Monitor, w/Alarm Dry Fertilizer And Insecticide \$3,780
 - DMI 16.9x38 Duals w/Tires \$595
 - Rhino Model 83 Transport Type Disk Harrow, Nice \$1,495
 - IH 510 Grain Drill 21x7, With Double Disk Openers The Price Is Right
 - Valk 8' Snow Plow \$750
 - Used Glencoe 12 Foot Field Cultivator, Less Lift Cylinder, Pull Type Machine Now Only \$850
 - Used Gehl 350 Manure Spreader, Tandem Axle w/Hydraulic Endgate \$2,600
 - Brand New 3 Pt. Hookup Cement Mixer, 540 PTO Drive, Mix Capacity Approx. 84.5 Gallons Only \$485
 - Kuhn EL92 Power Tiller, 36" \$795
 - Category I 3 Point Lift Carrier, In Stock Only \$45.00
 - Special New 3 Pt. Hookup Saw Buck (Most Models Are Priced Over \$800) Our Price Only \$450
 - 3 Pt. Round Bale Spear Only \$130
- ROTARY CUTTERS IN STOCK**
- Bush Hog 4', 3 Pt. Squealer \$475
 - IMC 5', 3 Pt. Lawn-Type Rotary Mower \$695
 - South East RC 120 Drag Pull-Type 10' Rotary Cutter w/15" Used Auto Tires \$2,390
 - Challenger 6' Lawn-Type Mower w/Front Roller \$1,275
 - 3 Pt. Hookup Post Digger w/9" Digger \$325
 - 3 Pt. Hookup Post Digger w/12" Digger \$345

THE HEAVY DUTY GRAIN MOWERS ARE HERE!



FACTORY DIRECT PRICES

Buy From Us!

We Stock Heavy Duty
SPEED KING GRAIN AUGERS

We Are Your Dealer w/Special Prices!

Setup, Ready To Tow Away!

SAVE BY BUYING NOW-In Stock

SPEED KING TRANSPORT PTO GRAIN AUGERS

- 8"x46'
- 8"x53'
- 10"x51'
- 10"x61'
- 10"x71'

THE QUALITY
IS HERE

Come And Get Your Grain Mower Now!

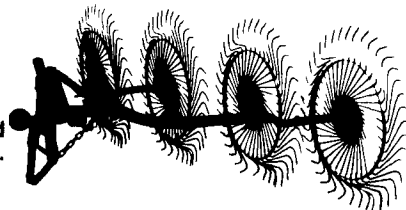
**PTO DRIVE WITH DOWNSPOUTS
AND HOPPERS**

IDEAL FOR HAY, STRAW AND MUCH MORE!

Special Offer On New QUALITY BUILT RAKES

NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake for only

\$495.00

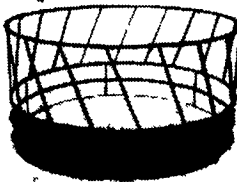


Ideal For Summertime Pasture Feeding

ROUND BALE FEEDERS w/LOWER FEED SAVER PANEL

8" Dia. x 44" High w/15" Feed Saver Panel

**SPECIAL
OFFER**



Round Feeders are rugged constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double your feed dollars.

w/Short 4" Extension Legs To Keep Unit Above Mud

IN STOCK

\$98.50

NEW 8 TON WAGONS

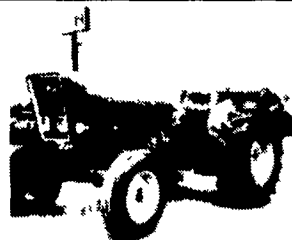


- w/Adj. Quick Hitch, 8x15 Wheels \$460
 - w/6x15 Wheels \$445
- Tires & Setup Not Included In Prices

1978 FORD 6600 DIESEL TRACTOR

Dual Power, 16.9x24 Rear Tires

BEST OFFER



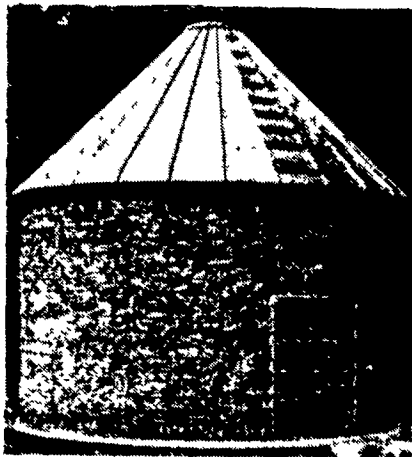
8N FORD TRACTOR

540 PTO, 3 Pt. Less Top Link,
Clutch & Brakes OK

\$1,650



The Early Bird Gets The Worm



BEHLEN CORN CRIBS

- Model FXL-15 865 Bushel plus extra capacity in roof area
- Model-EL-101085 bushels plus extra capacity in roof area
- Model-EXL-15 1515 bushels plus extra capacity in roof area

Did You Know Behlen Corn Crib is No. 4 gauge, which is heavier than most other brands and helps to prevent bulging of sides.

JOHN DEERE 450 6-Way Dozer



Stock No. 1049 1971 Model With Approx. 80% Undercarriage, With Hydraulic Reverser Shuttle.

Get A Good Deal!



**IH 3788
TRACTOR**
Only 1600
Approx. Hrs.

IDEAL FOR SMALL GRAIN AND EAR CORN

High Performance Gravity Flow FERTILIZER BOXES

at Discount Prices

McCurdy Fertilizer Box
features:

- Durable and dependable
- Heavy gauge steel construction
- Quality wheel operated door

SIZES IN STOCK

- 190 BIN
- 230 BIN
- 275 BIN
- 375 BIN

Options Available:

- 12", 15", 20" Sides
- Ladder
- Canvas Cover

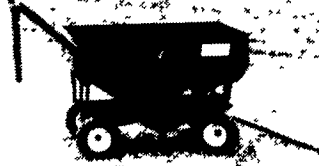
GO WITH THE #1...

McCurdy
the Old Reliable

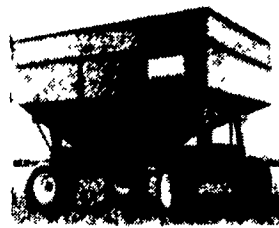
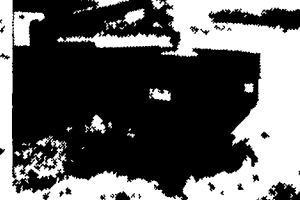
- Before You Buy, Check With Us
- Most Sizes In Stock For Quick Service & Availability
- We Sell In Volume.



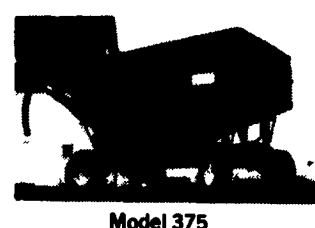
Model 190



Model 230



Model 275



Model 375
Double Door Side Dump

Grain boxes help make your material handling chores easier with convenient transport and fast unloading of grain or other free-flowing materials.

JOHN DEERE 420 Crawler Dozer

w/Winch and 50 ft. of Cable
Less Than 1,000 Actual Hrs.

\$5,600

**BINKLEY-HURST
BROS. INC.**

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Located 1/2 Mile North of Rothsville

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Hours: Mon.-Fri. 7 AM - 5 PM; Sat 7 AM - 11:30 AM
Sun. Closed - Lord's Day

GEHL SKID STEER LOADERS UP TO 40% OFF



Haul On Your Pickup Truck

Gehl 3310

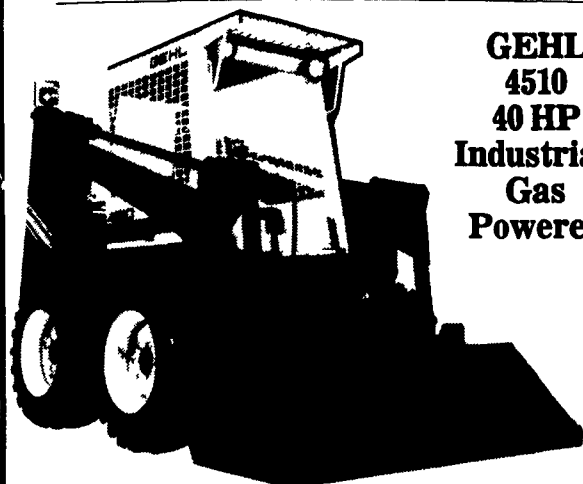
• New Gehl Model 3310, 20 HP w/5.70x15 Tires And 48" Wide Bucket, SN#1295

One Only
List Price
\$12,141

DISCOUNT
SALE PRICE
ONLY

\$6,840

SELF-LEVELING SKID LOADER



**GEHL
4510
40 HP
Industrial,
Gas
Powered**

← 65" Wide →
w/65" Bucket, 10.00x16.5 Tires
List Price \$17,000 Plus
DISCOUNT SALE PRICE.... \$11,826

**Just
Arrived**

NEW GEHL 3410 DIESEL SKID LOADER

w/A New 3 Cylinder
Diesel Engine

\$9,395 Come & See!



**Gehl
6620**

← 72" Wide →
Operating Capacity
Of 2,050 Lbs.

• New Gehl Model 6620, 60 HP
w/12.00x16.5 Tires And Hi-
Capacity 72" Bucket, Standard
Equipped w/Front Aux.
Hydraulics & Working Lights

List Price \$28,315

DISCOUNT
SALE PRICE **\$18,365**



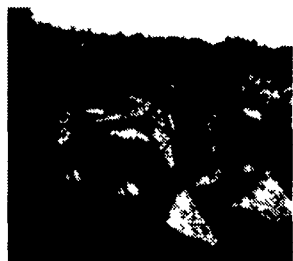
Gehl 3610

*Just The
Right Size*

← 54" Wide →
New Gehl Model 3610, 25 HP Diesel,
Powered w/27x8.50x15 Flotation Lug
Type Tires, 54" Bucket

Call For Surprising Good Deal!

USED CASE 1845 GAS PROPANE SKID LOADER



No. UT1004,
1977 Model

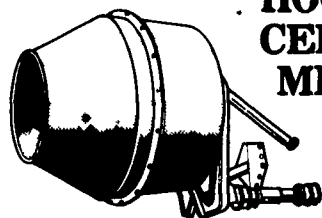
*Good,
Clean
Machine*

NEW HOLLAND 35, GAS No. UT1010



**LOOK...DO YOUR OWN
LIGHT CONCRETE WORK
WITH YOUR OWN MIXER
BRAND NEW 3 PT.**

HOOKUP CEMENT MIXER



540 PTO Drive, Mix Capacity
Approx. 84.5 Gallons
Most Competitive Models Priced Well
Over \$800

OUR DISCOUNTED
SALE PRICE ONLY **\$485**

IH MODEL 7000 GAS POWERED ROUGH TERRAIN FORKLIFT



Good 16.9x24 Drive
Tires, Hyd. Drive,
Lifts 4,000 Lbs. To
Approx. 10'8" Height,
48" Pallet Forks

\$8,850

or **BEST OFFER**

1981 CASE 580D CANOPY



w/Standard
Hoe

Ready For Work!

ONLY
\$22,900

BAKER-YORK 4,000 LB. INDUSTRIAL FORKLIFT



Lift Height:
Approx. 8 Ft.
*Ideal For
Indoor-Outdoor
Uses*

ONLY **\$6,800**

**PRICE
REDUCED**

CASE W14 WHEEL LOADER

A Very Clean & Sound
Machine w/Cab,
Heater, 16.9x24 Tires
(Good), Rebuilt
Brakes. 1979 Model,
Ready To Work!



\$26,500

NOW
ONLY... **\$19,850**

Why Not Make A Trade-CALL NOW!

JUST TRADED JOHN DEERE 2440 w/146 Loader



CASE 580B DIESEL



Standard Transmission With
Mechanical Shuttle, Approx. 2500 Hrs.,
1975 Model, Rubber 30% to 40% Tread

ONLY **\$9,800**

NOTICE: Another Load Has Just Arrived! TAG-A-LONG TRAILERS

Check Our New, Increased Weight Specifications

*Save
A
Bundle*



SPECIFICATIONS:

Axes..... 2
Brake Axes..... 2
Hitch ... 2 5/16" Ball

Deck Material ... Oil
treated 2" pine
Tires 8x14.5
Capacity . 10,000 Lbs.

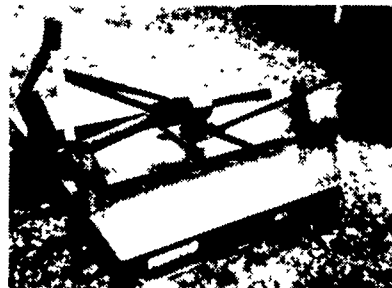
Color Yellow
GVW 12,005 Lbs.
16 Ft. Model
Deck Width 76"
Deck Height 19"

Removable Bolt On Fenders Are Included In Price

• **TT14** Deck Length: 14 Ft. List \$2,465 **SALE \$1,695**
• **TT16** Deck Length: 16 Ft. List \$2,535 **SALE \$1,755**

RHINO SE SERIES ROTARY CUTTERS

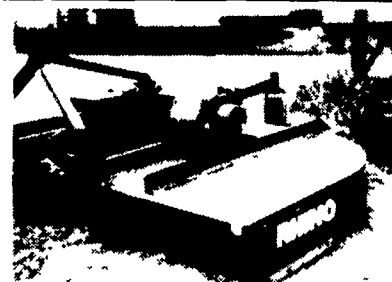
- 4 Ft. Model SE4
List \$525..... **SALE \$425**
- 5 Ft. Model SE5
List \$546..... **SALE \$495**
- 6 Ft. Model SE6,
Shear Bolt Protection
List \$929..... **SALE \$695**
- 6 Ft. Model SE6
w/Slip Clutch
List \$1029..... **SALE \$785**
- 7 Ft. Model SE7
w/Slip Clutch
List \$1,495 .. **SALE \$1,196**



RHINO HEAVY DUTY 8 FT. CUTTERS

MODEL Sat. 8, 8 Ft. w/Slip Clutch,
No Stump Jumper

In Stock!



**BINKLEY-HURST
BROS. INC.**

SALES PARTS SERVICE

133 Rothsville Station Rd.
Lititz, PA 17543
Located 1/2 Mile North of Rothsville
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Hours Mon-Fri 7 AM-5 PM
Sat 7 AM-11 30 AM
Sun Closed - Lord's Day

**USED EQUIPMENT**

Int 674 Tractor
Farmall 340 Trac
White 2-135 Tractor
Haybuster 1068 No till
Drill
Haybuster 107 Drill
White 281 10' Offset Disc
Harrow
JD 5 Bot 18" Plow
Century 200 gal 3 pth
weed sprayer, 35'
Boom
IH 2R Corn Planter
White 543, 4R Corn
Planter
JD 5B 16" Plow
JD 3B 16" Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MF 82 Combine
White 7300 Combine
White 7300 Dsl Combine
White 704 N Corn Head
White 15' Grain Head
Fox 728 2R Corn Head
Woods C80 Rotary Cutter
NH 512 Manure Spreader
White 271, 23' Disk
Harrow
Hesston 7150 Forage
Harvester
Better Bilt 1100 Gal
Liquid Spreader
Ford 501 Mower
Danco Rear Unload
Forage Box

STANLEY'S FARM SERVICE

RD Box 46
Klingerstown, PA
717-648-2088

**For Cleaning Equipment,
Cows, Barns, Poultry Houses,
Personal Of Our Vehicles, Etc.**

**Take Advantage Of Our
SPECIALS THIS WEEK**
**New 1000 lb. High Pressure
Washer**

List \$570 Sale **\$515**

**Used 600 lb. High Pressure
Washers**
List \$385

Sale I '200 II '300 III '275

**Have You Considered
Renting Or Leasing To
Improve Your Cash Flow?**

EQUIPMENT FOR SALE OR LEASE**BADGER**

3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
210 • 330 Bushel Manure Spreader
Ear Corn Roller Mill w/Blower
Pit Pump
Mower Conditioner
Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Post Hole Digger

**SHOW-EASE STALL CO.**

573 Willow Rd., Lancaster, Pa
Ph: 717-299-2536

Used Equipment Sale**International 1190 Haybine****Speedy Wagon Round Bale Mover****Also**

Vicon RS 510T Tedder
Hay Buster 1068 No Til Grain Drill

215-944-0402

**Dismantling Combines for parts
over 400 all makes and models
Call before you come.**

**All Combines Sold—
free parts for one season
if in our parts lot.**

IH: 915, 815, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82, 76, 74. JD: 6600, 4400, 105, 95, 55, 45, 40, 30, 25, 12A. MF: 510, 410, 300, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 430, 40, 35, 33, pull type. NI: Uni, 705, 702, 701, Combine shellers & harvesters. Ford: 622, 630, pull type. Case: 960, 660, 600. NH: 975, 985. NM: 5297, MM Uni, White 8600, Massey 750D, Straw Spreaders & Choppers.



**WE ARE IN THE
BUSINESS TO
SERVE YOU
SINCE 1945!**



★ Tractors In Stock From 14½ to 105 Horsepower ★

**SAVE HUNDREDS TO THOUSANDS ON THESE IN-STOCK
TRACTORS—CALL TODAY**

- JD 2750 MFWD
 - JD 3150 MFWD
 - JD 750 2 WD
 - JD 4050 4 Post, Quad Range
 - JD 650, 2WD
 - JD 950 4 WD
- Farm Tractor Waiver of Finance Until Jan. 1, 1987

NEW EQUIPMENT SPECIALS

Kuhn GRS25 Tedder Rake
Kuhn G452T 17 Ft. Tedder
Woods Mowers- M-5 Dixie, Cadet
72, D80 Pull Type
JD 503 Mower, 5 Ft., 3 Pt. Hitch
JD 1219 9 Ft. Mower Cond. (1 only)
JD 1327 Disk Mower Cond., 9 Ft., (1 only)
JD 327 Balers w/40 Ejectors
JD 337 Balers w/30 Ejectors
NH 770W Hay Pickup, fits 770, 718, 782 Harvesters
NH 451 Sickle Bar Mower, 7 Ft.
NH 258 Rake w/Rubber Teeth
5 to 12 Ton Wagon Gears in Stock
16' Wooden Bale Rack Sides — \$95.00

One Only Hardi Mini 80 Orchard
Sprayer, 80 Gal., 3 Pt. Hitch, 540
PTO Diaphragm Pump
Worksaver Pallet/Bale Forks,
Universal Mount, 3,000 lb.
Capacity
King KRC 38 Rotary Mower, 38", 3
Pt.
NH 311, 316, 326 Balers with or
without Throwers
NH 472 and 489 Haybines
NH No. 80 Bale Mover, for Round
Bales
JD & NH Manure Spreaders
Straw Chopper for JD 6620 Com-
bine

★ **SPECIAL OF THE WEEK!** ★

**NH 311 BALER WITH SUPER SWEEP
AND HI-FLOTATION TIRES**
(Cash, F.O.B., No Trade)

With Hitch
& Chute
\$5,900

With No. 70
Thrower
\$7,900

Used Tractors and Equipment

JD 4040, 1980 Model w/770 Hours,
Power Shift, Very Nice
JD 2840 w/148 Loader, 1,000
Hours, Very Good
JD 2640 w/Hi-Lo, 15.5x38 Tires,
Good
JD 1520 Row Crop, Gas, Runs
Good
Farmall H
Farmall Super A—Restored,
Runs Good
IH 710 6-Bottom Auto. Reset
Plow
(2) 6600 Combines—Special Price
—Your Choice!
NH 469 Haybine
JD 346 Baler w/30
Ejector

NH 36 Flail Chopper
NH 770 Forage Harvester w/2
Row Narrow Head
NH 283, 271, 78 Balers
JD 894 Hay Rakes
JD 48 Loader For JD 3020
Sauder Bros. All Hyd. Loader
Gehl Hi Throw Forage Blower
Century 200 Gal. Pull Type
Sprayer
Woods 80" Mowers, 3 pt. &
Pull Type
Feeder House Assist Springs
For 6600 Combine
4" Ireco Irrigation Pump
w/Wisc. Engine, Completely
Overhauled

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Rt. 143, Lynnpport, Pa. 18066 Phone 215-298-2011
Hours: Monday Thru Friday, 8 to 5; Sat. 8 to 12.

COMBINES

Oliver 545 w/grain & 4R
corn.
MF 760 w/grain & 6R corn.
IH 203 ~~SOLD~~ head
MF 35 w/8' grain head
Case 600 w/10' grain
MF 410 w/grain & 4R 30"
corn
JD 6600 diesel, hydro,
rotary screen
JD 6600 diesel, gear drive
JD 7700 diesel, hydro
w/rigid grain head,
\$7,950.
JD 4400 diesel w/rigid
grain head, \$7,500.
JD 55 w/2R & grain,
\$2850
JD 45, late model w/3300
quick tach throat &
grain, 2R corn, \$5850.
(2) JD 45 squareback
w/10' grain & 2R corn,
\$3875
2 JD 45 roundback w/10'
grain & 2R corn, \$2250
For JD 4400, 6600 &
7700 combines, we
have 3 JD flex heads &
rigid heads, 4R wide,
4R narrow, & 6R
narrow, prices depend
on heads, you pick.
IH 915 diesel, turbo,
hydro w/grain & 4 or
6R head.
IH 715 duals, 4R & grain.
IH 403 hydro w/4R 30" &
grain, \$5500
2 IH 105 w/10' & 2R corn,
\$2500.
IH 93 w/10' grain, \$2,000
IH 205, 10' flex & 2R,
\$3,000.
MF 510 diesel quick tach
w/grain, \$5500.
MF 300 quick tach w/grain
& 2R corn, \$3875
We have 4R 30" & 4R 38"
corn heads for MF 510
& 410.

Gleaner M diesel w/grain,
4R, 38" & 4R 30" corn,
\$11,500.

Gleaner E3, grain & 2R,
new motor, \$5500
Case 660, cab, grain, 2R
or 3R 30"
Case 600 w/cab & 10'
grain head

TRACTORS

Farmall M w/WF \$1100
IH 706 dsl., good shape.
IH 340 w/PS, fast hitch
IH 1066 Dsl., cab, dual
PTO, 3760 hrs.
w/complete motor
overhaul, rebuilt in-
jector pump, new oil
pump, will show bills,
\$9500.

Farmall Super M w/WF
IH 1206 Diesel, WF & big
rubber, \$4950
Farmall C, real nice, \$950
Ford 3000 Diesel, \$4000
Farmall Super C w/hyd &
pulley \$975
Massey 1080 D, \$5200
IH 340 w/fast hitch
Ford 6000 Diesel \$2475
Massey Pony Pacer w/1R
cult. & 1 btm. plow
\$1250
Ferg. 30 w/3 pt.
Farmall 560 Diesel \$2850
Ford 900, P/S, real clean
AC D17 Diesel snap
coupler
IH B504 High Crop

**DISC
HARROWS**

8, 10, 12 & 14' Wheel Disc
3 pt. 7'
7 & 8' drag discs

SPREADERS

Case Ground drive, \$350
IH 225 bushel, PTO, \$500

New 3 Pt. Equipment

**ROTARY
MOWERS**

3 pt. 6, 7 & 8'
Also pull types.

**WIDE FRONT
ENDS**

Farmall H & M
IH 340
Massey 101, 30 & 33
AC D17
WD 45
WD
A ~~SOLD~~ CA
Farmall C or Super C, 200
& 230
Ford 6000 WFE

**CORN
PICKERS**

1&2 Rows Pull Type &
mounted. Also, 50 for
parts

**FORAGE
HARVESTERS**

IH 830 3R corn & p.u.
head
IH 830 w/2R 30" corn
IH #8 flail chopper
IH 720 w/2R, 30" & p.u.
head, used 3 yrs.
always kept in A-1
cond.
AC 720 2RN & pickup
\$750
JD 34 1R & pickup \$875

**TRACTORS
ALL WITH
LOADERS**

IH TD14 Crawler Loader,
exc. undercarriage,
\$3850
Farmall Super C \$1,675.
JD 450 Crawler loader,
\$8,950.
Farmall M w/PS \$1,850.
Farmall 200 w/fast hitch &
live pump, \$2,000.

**GRAIN
HEADS**

8, 10, 11, 12, 13, 14 & 15'
**CORN
HEADS**
2, 3, 4, and 6 Rows

**HAYBINES
& RAKES**

JD 1209 9', \$2,450
NI Rotobar Rake, \$850
3 JD Rotobar Rakes, \$450
to \$675
Gehl 9', \$875
Hesston 9' self-propelled,
\$2200
IH Wheel Rake, \$625
JD Rake
NH 489 \$3500
NH 474, 7', \$3750
NH 256 Rake, \$1250
Hesston 10' Hydro-swing,
center pivot hitch,
\$2850.
IH Rake w/front dolly
wheel, \$785.
NH 477, 7', \$2150

PLOWS

(15) From 2-7 Bottom

MISC.

Badger 3 btr. forage
wagon w/roof
IH fast hitch balanced
head mower
Pull type road grader
Sickle bar mowers, 3 pt.
semi & trailer types.
Hay Balers, with or
without throwers,
\$300 & up.
NI 12' Flail Stalk Cutter,
\$800.
IH Loaders to fit C, Super
C, 200, 230, H, M,
300, 350 & 300 & 350
utilities
Ferg. loader w/hyd. bucket
& front pump \$650
12 Tooth Trailer type
chisel plow

**DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts**

IH: 1256, 666 Hydro, 806, 660, 656, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12. JD: 4010, 3010, 2010, 720 D, 70, 60, 50, A, B, AC: 180, D17, WD, WC, CA, C, B, MF: 1155, 90, 85, 444, 333, 44, 33, 30, 20. Case: 400, 300, DC, SC, VAC. Ford: 6000, 4000D, 860, 800, 8N, 9N. Oliver: 1800, 88, 77, 70, 60. Crawler D2 Cat & Oliver.

KEITER'S FARM MACHINERY

R.D. 1, Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

Dismantling 50 pickers for parts
**POSITIVELY NO OUT OF
STATE PERSONAL CHECKS**

FARM EQUIPMENT

Horning's Farm Machinery
717-733-7408
Meadow Valley Rd., RD 2
Ephrata, PA 17522

TRACTORS

Int. 756 Diesel w/3 Pt. and Torque,
\$5,450
Oliver 550 G~~SOLD~~ate Model, Nice,
\$2,850

TILLAGE EQUIPMENT

Int. 710 5x16 Automatic Reset Plow,
\$1,750
JD Model B 14 ~~SOLD~~le Disc Drill, Nice,
\$750
Brillion 9' Pull Type Packer Seeder,
\$1,400
JD KBA 36~~SOLD~~ Type Disc
Farnam 7', 3 Pt. Pasture Renovator
Int. 510, 13 Disc w/Fertilizer Drill
JD 210, 13' Discs, \$1,550
IH 510, 21 Disk Drill, \$2,000
Oliver 4x16 Automatic Reset Plow,
\$1,650
Oliver 3x16 Automatic Reset Plow,
\$1,350

HAY EQUIPMENT

NH 310 Baler, ~~SOLD~~er Sweep Pickup,
\$2,300
NH Super 66 Baler w/engine, \$350
JD 640 Rake \$750
Hesston #10 Stackhand
NH 275 Baler w/Thrower, \$1,500
NH 488 H~~SOLD~~ne, \$2,700
NH 56 Rake, \$950
Hesston PT 7, 7' Haybine
NH 256 Rake, \$1,250

FORAGE EQUIPMENT

Dion 3 Beater Wagon w/Tandem Axle
Gear, 1 Year Old, \$3,950
NH 6' Open End Pickup, Fits 770
Harvester, Sharp, \$975
Gehl #800 Harvester, Electric Controls
w/6' Pickup Head
NH 718 Harvester, ~~SOLD~~Power Sharpener,
1 Row Head
Colby 2 Beater Wagon, High Flotation
Tires
Int. 51, 2 Beater Wagon

MISCELLANEOUS

NH 352 M~~SOLD~~\$1,000
Schwartz Mixer Wagon With Scales,
Needs Repair

Horning's Farm Machinery
717-733-7408
Meadow Valley Rd., RD 2
Ephrata, PA 17522

USED EQUIPMENT SPECIALS

SELF PROPELLED HAYBINES

1495 Planetary Drive, Partial Cab, 12' Rolareel
Header
1469 Planetary Drive w/Ford Engine, 9' Header &
Partial Cab
1469 Planetary Drive w/Ford Engine, 9' Header &
Full Cab

PULL TYPE HAYBINES & MOWERS

NH 495 12 Ft. Haybine w/12' Rolareel
NH 489 9 Ft. Haybine - 2 In Stock
Hesston 1010 10 Ft. Hydrosowing
Hesston PT-10 9 Ft. Haybine
NH No. 44 Sickle Bar Mower
Ford 501 Sickle Bar Mower

HAY BALERS, RAKES, MISC.

NH 320 Baler w/70 Bale Thrower
282 Baler

FORAGE EQUIPMENT

NH 892 Harvester w/New Knives & 880W Pickup
NH Super 717 Forage Harvester
NH 880 Harvester
NH 717 Harvester - As Is
NH 770 R-2, 2 Row Wide Chopper Head
NH 880 R-2, 2 Row Narrow Chopper Head - New
NH 880 N-2, 2 Row Narrow Chopper Head
NH 741 Cornhead - 1 Row
NH 741 Cornhead - 1 Row
NH Super 23 Forage Blower
NH No. 38 Flail Chopper - As Is
Lamco Forage Wagon w/Roof & Gear

UNI EQUIPMENT

NI 709 Uni Tractor w/Rear Wheel Assist, Cab,
Air, Fully Weighted
NI 702 Gas Uni Tractor - As Is
NI 741 Feeder House - As Is
NI 766 Pickup - As Is
NI 766 Pickup - As Is
NI 729A Sheller
NI 724 Stripper Head (3 Row Wide)
NI 760 Uni Harvester
NI 762 2-Row Wide Chopper Head
NI 762 2-Row Wide Chopper Head

COMBINES & CORNHEADS

AC KKS Gleaner Combine w/10 Ft. Header
MF 300 (1974) Combine w/10 Ft. Grain Header
AC LSK Gleaner w/15 Ft. Grain Head and
440 Cornhead
AC 238 Cornhead, 2 Row Wide
AC 238 Cornhead, 2 Row Wide
AC E Gleaner w/o Cab & Grain Head - As Is
MF QT24 Cornhead, 2 Row Wide - As Is
MF 322 Cornhead, 3 Row Wide - As Is

MANURE SPREADERS

MF 160 Manure Spreader w/2 Beaters
NI 218 Manure Spreader w/Hyd. Endgate - As Is
NI 214 Manure Spreader w/Hyd. Endgate - As Is
NH 516 Manure Spreader w/3 Beaters - As Is
Starline 930 Tank Spreader - As Is

MISCELLANEOUS

NI 323 Corn Picker, 1 Row
IH 540 Plow, 4 16" Bottom
IH 5500 7 Tooth Chisel Plow

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GAS & DIESEL ENGINE REPAIR • Experience • Reasonable

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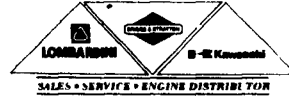
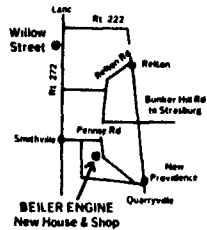
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25 SAE hp
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• 12 month warranty or
2,000 hrs

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- Low fuel consumption
1/2 less than gas engines
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- New Improved Model
- Ideal To Replace VF4 or
VH4D Wisc



DEPENDABLE MOTOR CO.

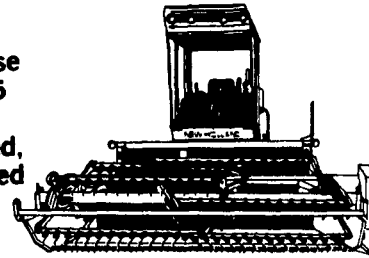
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NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower \$12,800
NH #718 Harvester (Demo)
NH #28 Blower. \$2,915
NH #770W Pickup Head \$1,925

Plus Big Cash Savings On All Equipment

1 ONLY Lease
Model 1495
Haybine.
Self-Propelled,
Fully Equipped



Call for the
best price in
the valley.
A fantastic
deal.

All This Plus
0% Financing—12 mos.
or
No Financing Til 9/86

NEW HOLLAND

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

• Waiver of Finance On All New
& Used Hay Equipment Till
September 1, 1986

• Waiver of Finance On All New
& Used Forage Equipment
Till September 1, 1986

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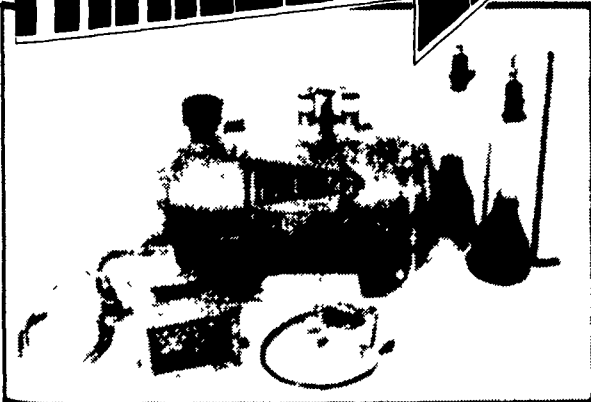
• Cash Rebates Up To \$7400
• 0% Financing - 12 Mos.
• 6.9% Financing - 18 Mos.

OR

• 8.9% Financing - 24 Mos.
• 9.9% Financing - 36 Mos.

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THE FARMER'S FOAMER



**LONG LASTING
FOAM MARKER
THAT'S STILL
THERE WHEN
YOU GET BACK**

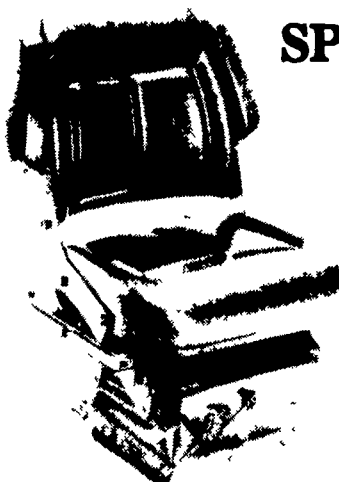
TRAILBLAZER comes
complete with cab control
panel that lets you switch
foam blobs from side to side;
12 volt protected power
system with changeable
filters; stainless steel com-
ponents; specially designed
foam hose; pressure
regulating control; 10 1/2 gallon
foam tank with built in
sparging tube.

BLACK VINYL TRACTOR SEATS

Designed With You In Mind

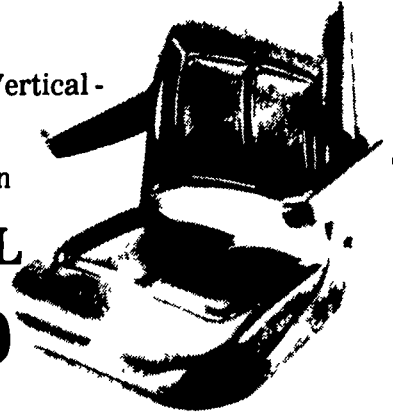
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SPECIAL \$355.00



Seat For Vertical -
Acting Or
Hydraulic
Suspension

SPECIAL
As Low As
\$139.00



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Certified
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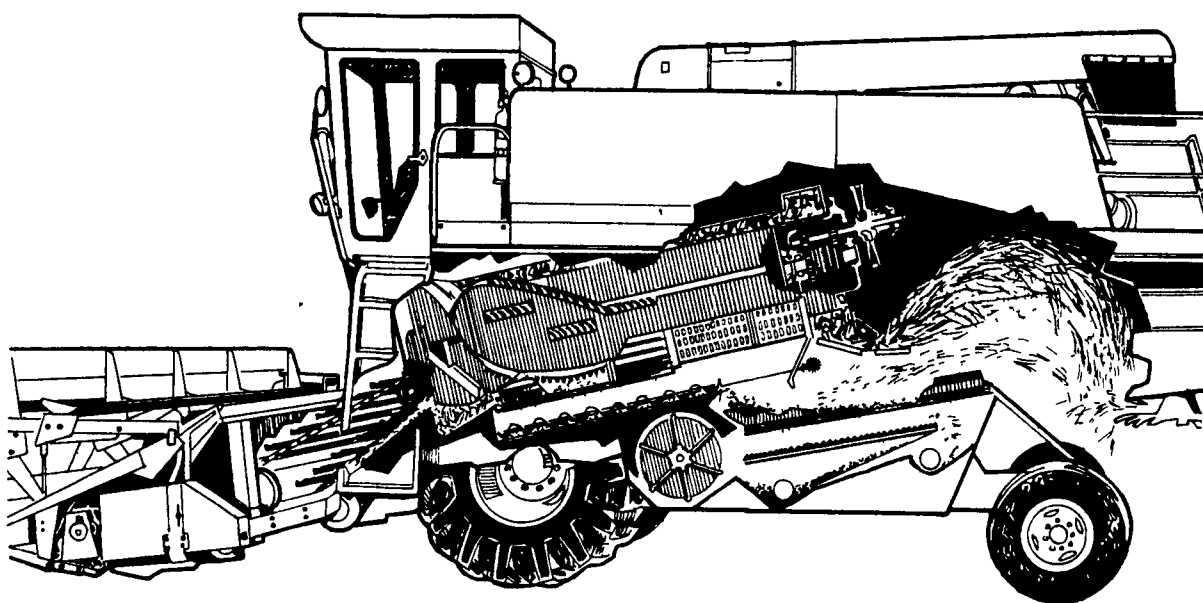


The Secrets To Case International Axial-Flow Combine Success In The East...

FEWER MOVING PARTS...

HIGHER QUALITY GRAIN...

HOOBER COMBINE SERVICE...



The one moving part in Axial-Flow's entire threshing/separating process is the single large-diameter rotor. Nothing more. No cylinder, beaters or straw walkers. There's far less that can break or need maintenance. That's Axial-Flow combine simplicity.

Axial-Flow helps bring top price at the elevator. It handles grain more gently. Less crackage and dockage. You'll combine higher moisture grain at faster ground speeds for a quicker harvest. That's Axial-Flow performance.

Axial-Flow Combines for every crop. Designed to harvest over 100 different crops including corn, soybeans, wheat, sorghum and others. All popular grain header sizes plus 4 to 8-row corn heads.

HOOBER COMBINE SERVICE SPECIALISTS KNOW COMBINES. For nine years Hooper's 3 combine mechanics have been working with Axial-Flow technologies. **A COMBINE BOUGHT FROM HOOBER IS BACKED BY PEOPLE WHO KNOW AND CARE.**

USED TRACTORS

IH F706 w/Fast Hitch, Gear, TA, 540-1000 PTO, 16.9x38 Tires (W1736)

Versatile 160 4WD w/Loader, Diesel, Hydro, AC, 540 PTO (W1364)

Ford 7710 AWD, Diesel, Gear, 540 & 1000 PTO, AC, 10 Frt. Wts., 18.4x34 Tires (W1689)

IH 966 Diesel, Gear, TA 18.4x38 Tires, 1000 & 540 PTO (W1439)

Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694)

IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)

IH F1466D, Gear, 20.8x38 Tires, Dual PTO, Excellent Tractor (W9236)

IH 6388 2+2, 4WD, Diesel, Gear, AC, 540 & 1000 PTO, 4 Hyd. Outlets, 18.4x38 Duals (W1681)

IH F400, Gas, Gear, TA, 540 PTO, 13.6x38 Tires (W1629)

IH 4140 Gas Skid Loader w/60" Bucket (W1562)

John Deere 3020 Gas Tractor w/148 Loader 72" Bucket, 18.4x28 Tires, 540 & 1000 RPM PTO (W1534)

IH Farmall A w/Cultivators, Rear Wheel Weights, 9x24 Tires (W1143)

IH F1566, Diesel, Gear, Cab, w/AC, PTO, 20.8x38 Tires (W1423)

Deere 4840D, Powershift, 20.8x38 Duals 1000 RPM PTO, Cab w/Air & Radio (W1180)

IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316)

IH F1256 w/Duals, Diesel, Gear, Cab, AC, PTO, 18.4x38 Tires (W1431)

IH F1066, Diesel, Gear, 540 & 1000 PTO, 20.8x38 Tires (W1715)

New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)

IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)

Bush Hog 12' Disc, 9" Spacing

Deere 110 Disc, 10'9" Spacing (T8034)

Athens 131 Flex-Frame Disc, 14', 9 1/2" Spacing (T1556)

IH 470 18' Disc, Rear Mulchers, Tandem, Spacing 9" Frt. 7 1/2" Rr., Size 16 1/2" Frt. 17 1/2" Rr., Cyl. & Hoses (T1699)

Binkley-Wilbeck, 10' Offset w/RR Drag, Blades 21" Frt. & 23" RR, Cyl. & Hoses (T1347)

JD 111 Disc, 10', 9" Spacing (T1602)

Athens 83 10' Disc, Size 19" Frt. 21" Rr., Cyl. & Hoses (T1604)

JD T0220 18' Flexwing, Tandem Spacing 9" Frt. & 9" Rr., Size 19 1/2" Frt. & 20 1/2" Rr., Cyl. & Hoses (T1694)

Rhino FB90 Disc 24', Size 20" Frt. 21" Rr., 9" Spacing (T1714)

USED TILLAGE

Krause 1765 Rock-Flex, Heavy Duty Disc, 12'9" (T1508)

IH 475 18' Flexwing, Tandem, Hyd. Lift, Size 19" Front, 19 1/2" Rr., Cyl. & Hoses (T1586)

Oliver 588 Plow 6F-20" Semi-Mount, Auto-Reset, (T1683)

IH 55 Chisel, 3 Pt., 9 Shank (T1434)

IH 700 Plow, 6F-16", Auto Reset (T1459)

USED GRAIN DRILLS

Great Plains 12' Drill w/Pull Hitch (V1570)

IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)

Haybuster 1206 No-Til, 12', 6" Spacing, Fertilizer (V1482)

Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

IH 510 18x7 Grain Drill w/Fertilizer, DD Openers (V9905)

MISCELLANEOUS

Walsh 200 Gal. Sprayer, 20" Spc, No Pump (V1046)

FMC R10P200 Sprayer, Hose Reel (V9073)

Myers 300 Gal. Sprayer, 300 Gal. Boom (V9143)

Walsh 200G Sprayer, 24' Boom, 3 Pt., 200 Gal. (V9889)

IH 540 Spreader 8.25x20 Ft. Tires (V9769)

New Idea 522 9' 3 Pt. Cycle Bar Mower, 540 PTO (U1732)

Woods C-80, 80" Mower, 540 PTO (U1735)

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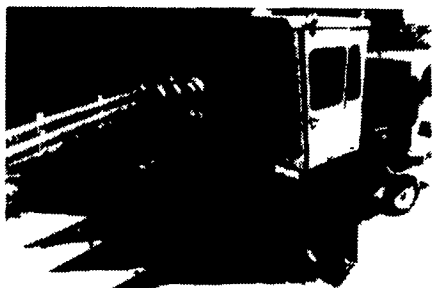
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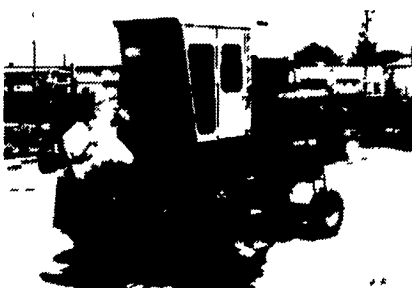
If You Are In The Market For A New Or Used Combine,
Come To Us Before You Buy Because....

- Hooper has a large selection of Used Combines - all sizes and makes
- Hooper Used Combines are backed by 3 Combine Service Specialists

- Hooper Used Combines are backed by the largest Case-IH Combine Parts Inventory in the East.
- Most all Used Combines at Hooper's are priced below wholesalers.



IH 205 Gas, Cab, 16.9x26 Tires, 12' Header, 227 Cornhead (U1132)



IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818)



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



IH 815 Diesel, Hydro, 23.1x26, Cab w/AC (U1362)



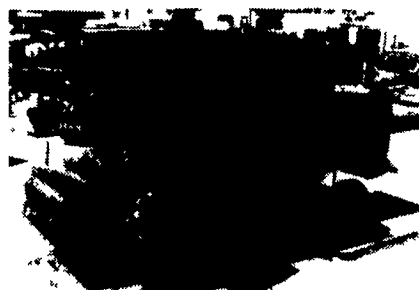
New Idea Uni-Harvester Model 705 Tractor, Diesel Model 767 Super-Chopper, Model 768 Wide/Narrow 3 Row Head (U1285)



MF 410, Diesel, Gear, 422 Cornhead, 12' Platform, 18.4x26 (U1412)



Gleaner G, Gear, Cab, Diesel, w/630 Cornhead, 13' Platform (U1369)



JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)

USED COMBINES JUST TRADED

IH 1460, Hydro, AC, 30.5x32 Tires (U1468)

IH 815 Hydro, Diesel, 23.1x26 Tires (U1362)

IH 205, Gas, Cab, 12" Header, 227 Cornhead (U1132)

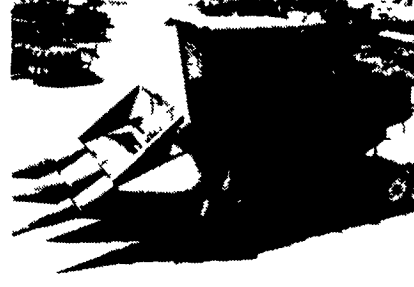
IH 715 w/New-Style 810, 13' Platform (U1827)

IH 715 w/New-Style 810, 13' Platform (U1827)

IH 815D, Hydro, Low Profile, 1100 Hrs., Excellent Low Hour Machine (Not In Yet)

IH 1440 D Hydro, 968 Hrs., Excellent Condition - Low Hours (Not In Yet)

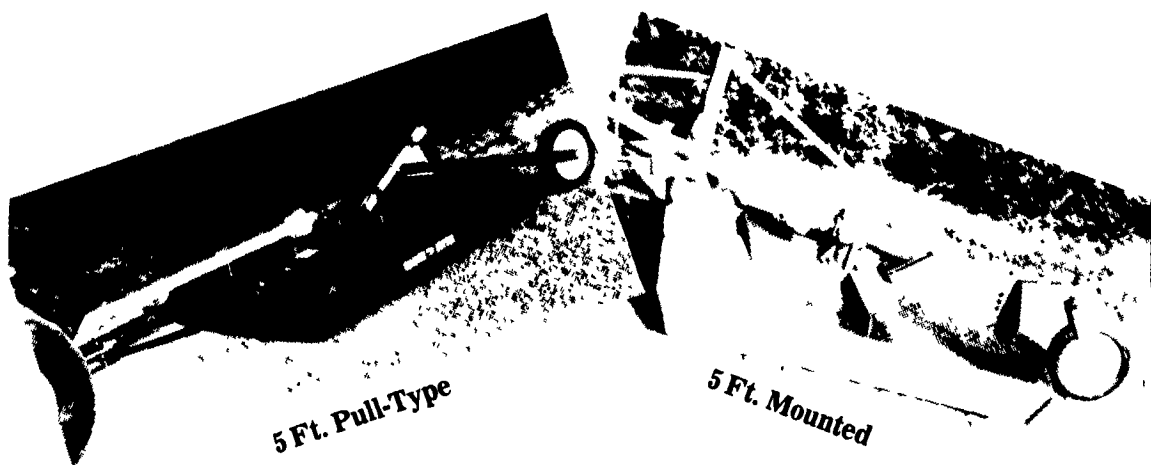
Deere 7700D, 2248 Hrs., 643 Cornhead, 215 Flex Platform (U1829)



IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)

MASTER KUTTER

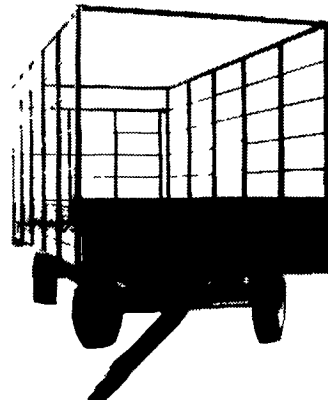
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Sale Ends July 9th

	List	Demo Special
GA 300 GM Rake 10'6"	\$2,100	*1,650
GMD 66 7'10" Disk Mower	\$4,500	*3,475
GF 22NT 10'2" Pull Type Tedder	\$1,815	*1,400
FC 200 6'7-- Disk Mower-Conditioner	\$6,260	*4,975
FC 300 10 Ft. Disk Mower-Conditioner	\$12,605	*10,400

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New JD 2150

JD 650, 4WD, like new
JD 4630 w/4 post roll guard
JD 4430, cab, air, quad range
JD 4230 over Shift
JD 2510
JD 4320, cab & air
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 820 Diesel
JD 40 ~~SOLD~~
JD 4010 w/loader
JD 40 ~~SOLD~~ cab
JD 4440, cab & air, low hrs.
JD 3020 diesel, side console
JD 3020 gas
JD 3020 Diesel
JD 310 backhoe loader
JD 400 diesel backhoe loader
IH 3500 backhoe loader

IH 986 ~~SOLD~~ dir
IH 1066
IH 806 ~~SOLD~~
IH 544 gas utility
IH 766 w/cab
IH 1486, ~~SOLD~~ air
IH 806 diesel, excellent
Ford 7000
Ford 3400 w/Loader
Ford 555 w/loader & cab
Ford 335 w/loader
AC 210 diesel
AC 185, sharp
AC 200, like new
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MF 205, 4WD
MF 50C w/loader
MF 20 w/loader
David Brown 1200
Kubota 4000 w/loader

Int. 7000 Forklift 28' Lift

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow

GRINDERS & MIXERS

NH 354, excellent
IH 1150 \$1,450.
Gehl 65

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
MF 1163 6 row head, like new
JD 4400 gas, rotary screen

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid

Used Moore
no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90
NH 718, sharp
NH Flail Chopper, like new

Gehl flail head,
excellent condition

HAY EQUIPMENT

NH 472 haybine
NH 495 ~~SOLD~~ haybine
Gehl 1090 haybine
Gehl 1500 Round baler
NH 315 wire baler, nice
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1010 Stacker Bale Wagon
NH 1032 Stacker Bale Wagon
NH 1037 Stacker Bale Wagon
NI 244 tandem spreader, like new

MISCELLANEOUS

JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
NI 2 row wide, 12 roll, \$3,000.
Kewanee hydraulic fold 18' disc
1974 GMC ~~SOLD~~ new 16' grain body & ~~SOLD~~ w/air brakes
1975 Int. dump truck, 5 yard body
Big V snow plow 12' wide

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AC 7000 Tractor w/Cab. Call For Price



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USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air, 7010 Cab & Air, power shift; 6080; 6060; 4WD; 5050 4WD w/loader; 200; 190XT; 190XT w/cab; 175 diesel; 160; D17; D15; G w/hydr. & cultivator; B.
JD 3020 diesel; 3010 diesel; 2510 powershift, 2240.
IHC 674, 544; 424 w/hydr. dump loader; 230; 140; 100; Super A, with equipment; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knife mower; Cub w/cultivator.
FORD: 7700 4WD; 7600 diesel, high clearance; 7000; 6600 w/quick tach front end loader; 5000; 4000; 600; Major diesel, front end loader; Jubilee; and 8 N's.
KUBOTA: 7500 4WD demonstrator; 7200 4WD w/loader & mower, 89 hours, like new; L 225 w/cab.
MF: 285; 265 diesel; 175 diesel; 165; 135; 65; 65 diesel; 50 diesel; 40; Ferguson 30, 40.
OLIVER: OC 6 diesel, crawler, good bottom.
LONG: 560 4WD.

HAY EQUIPMENT

HAYBINES: NH 477-7', Hesston PT7, PT10, 1070, 1090-9', NH 489--very good-9'.
SELF-PROPELLED HAYBINES: Hesston 6200, 310, CUTDITIONERS: NI 279-9', NH 270, 272-7'. HAY TEDDERS: (New)-Fahr 4 star 17 ft., Kuhn 2 star, Grimm PTO reel type Deutz-Fahr side rakes. (Used)-Fahr 4 star, Lely 2 star Kuhn 2 star, 3 pt., Grimm PTO and ground drive. BALERS: MF 124, NH 270, 268, 276, 310. BALERS w/THROWERS: NH 273, 275, 315, 320; Hesston 4500, MF 124, IHC 425. ROUND BALERS: Hesston 5800, NH 846, 851, 852. Zimmerman 36 & 40 ft. elevators. New wood & steel bale racks. In stock new 6, 8, & 10 ton running gears, 12 ton tandem running gear. Large selection of sickle bar mowers, 3 pt. hitch, semi mount, & mounted. Call for your needs.
SIDE RAKES: NH 256, 56, 660 w/dolly wheel, NI, IHC 35 w/dolly wheel, NI wheel rake. Deutz 3 pt. hitch disc hay mower. Hesston 1014 2+2 hydr. swing mower conditioner just returned from college lease. Hesston stack Hand 10 & 30. Tye no-till seeder-8" trailer model.

USED FORAGE HARVESTERS:

Hesston 2000-100, 2000-150, 7020; NH Super 717; large selection of pick up heads. JD 5400 self-propelled forage harvester. IHC, Kools, and NI forage blowers. Gehl 750 2R corn head.

FORAGE BOXES: IHC- 3 beater w/roof, Grove 2 beater, H & S 3 beater, Lamco 2 beater.

NEW DISTRESSED MACHINERY - NEEDS TO

BE SOLD!

New left over weathered hay tools at reduced prices: (2) NI 279-9' cut-ditioners; NI 272-7' cutditioner; NI 406 hydr. drive side rake w/dolly wheel; NI 7' trailer mower - 1 with hydr. lift and 1 with mechanical lift; Arts way silage blower; NI 555 baler w/thrower.

INDUSTRIAL

TRACTOR LOADER BACKHOES - (2) Case 580C w/cab, 1 with extendahoe. CRAWLER LOADER - AC 655. TRACTORS WITH LOADER, 3 PT. HITCH & PTO - IHC 2444, MF 40, MF 2200. SKID STEER LOADER - Ford. CL40 water cooled engine, good condition; NH 225, Bobcat 610 gas, Bobcat 611 Deutz

diesel. LOG SKIDDER - (2) JD 440 series A; Ford 50 HP power unit. FORKLIFTS - Ford, AC 600 series - 21 ft. lift. JD 9300 backhoe. AC 840 1 1/2 yd. articulated payload; AC 940 2 yd. articulated payload. 1 ton paving roller. 1977 Ford F700 truck with dump body, very good. 2 axle - 6 ton Tag-A-Long trailer; 10 ton Tag-A-Long trailer. ARPS 3 pt. backhoe for small tractor.

SPRAYERS

3 pt. & trailer sprayers, several orchard sprayers - air blast.
Meyers trailer air blast
John Bean trailer hand gun PTO driven

LIQUID MANURE EQUIPMENT

Hedlund Martin equalizer manure loader.
Hedlund Martin Vanguard 2400 gal. tandem spreader.
2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
New Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
New Hawk 170 tank spreader at dealer cost, only 1 available
Badger 3350 Gal. tandem spreader w/injectors.

MISCELLANEOUS

Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. rotary mowers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, (3) Farmhand Corn Blurs for high moisture corn, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, Valby 3 pt. wood chipper, AC 100 HP D power unit with P.T.O. and clutch - choice of three. Just received new Kubota M 7950 DT Tractor with 4WD high clearance ideal for muckland farming - 76 PTO horsepower. Mounted cultivator for Farmall Cub, Super C, 200, 340; PTO Roller Mill, like new. Farmhand regrinder blower, like new.

NEW EQUIPMENT

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. 3 pt. cement mixers, blades, loaders, backhoes, trailers and carts.

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Farmall 460 Power Steering
TA- Live PTO & Fast Hitch,
Runs & Operates
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Deutz-Allis, AC, Kubota, Hesston, New Idea, CDS Industrial formerly AC light industrial

USED EQUIPMENT

2 NH 273 Balers IH 805 Gas, WF
NH 310 NH 36 Ft. Elevator
JD 520 WF

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Disk Harrows Used Combines
Grain Drills IH 1066
4 Bt. 2 Pt. Hitch IH 58 6 R Corn
Plow Planter
Farmall 656
AC 7000

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**NEW EQUIPMENT SPECIALS**

JD 1219 Haybine, \$7,650
JD 337 Baler, \$7,675
JD 716A Forage Wagon, \$6,450
JD 1600 Spring Reset 4 Bottom Plow \$4,700
JD 8250 Grain Drill, 14x7, \$4,100
JD 235 Disk Harrow, 17'1"

JD 215 Disk Harrow, 12'
JD 2550, 4WD SG Body Tractor
JD 2950, 2WD Tractor
JD 4250, 2WD Tractor
NH L250 Skid Steer Loader
NH L455 Skid Steer Loader

Special Finance Waiver On Most New & Used Equipment

USED EQUIPMENT

MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform..... \$28,000
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JD 6 Cyl. Gasoline Power Unit, Just Overhauled..... \$2,000
Century 6R Sprayer, 3 Pth..... \$850
JD 1508, 15' Cut Folding Wing Mower, Like New..... \$7,500
IH 656 Tractor w/Loader..... \$6,500
Ford 3400 w/Loader..... \$6,500
Cub LoBoy w/Implement..... \$2,200
NH 846 Round Baler..... \$3,900
NH 320 Baler w/70 Thrower..... \$8,200
JD 444 Corn Head..... \$4,500
NH 495 Haybine, 12'..... \$4,500
Grimm Tedder..... \$675
Kuhn GMD66 6 Disc Mower..... \$2,500

Good Selection of New & Used Balers,
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**USED EQUIPMENT****TRACTORS**

IH 484D Ford 2000 w/Loader
Kubota 175 IH 464 Gas
w/Mower IH 656 Gas
IH 544 IH Cub w/Plow
MF 184 4WD & 236 w/Attachments
Loader IH Cub w/Cultivator
IH M IH 784 4WD & 2250
Oliver 1650 w/3 Pt. Loader

IMPLEMENTS

IH 990 9 Ft. Mower 10 Ft. Pull Disk
Conditioner AC 4 Row Planter
IH 1190 7 Ft. Mower IH 56 Planter
Conditioner IH 800 Cyclo 4 Row
IH 1190 9 Ft. Mower Planter
Conditioner Kuhn 17 Ft. Tedder
NH 519 Spreader Kuhn 13 Ft. Tedder
IH 540 Spreader Grimm Tedder
IH 550 Spreader JD 34 Forage
H 4500 Vibra Shank Harvester
15 Ft. NH 27 Blower
IH 450 3-16 Automatic AC Blower
Year Round Cab Fits NH 270 Baler &
IH 06 to 66 Series Thrower
IH 10 Drill NH 282 Baler &
NI 319 Mounted Picker Thrower
IH 500 Disk IH 425 Baler
8 Ft. Culti-Packer IH 27 Baler & Kicker
Case 3 Bt. Plow

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IH 270A, 1979, Rops, Canopy, Needs
Trans. Work, As Is..... **'9,500**

Ford 4500, 1975, Cab,
Tag 2485..... **'10,000**

IH 270A Tag 5072, 1979, Rops,
Cab, Excellent Condition..... **'15,000**

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Bobcat 975 w/84" Bucket
122 Hrs., Tag. 7256..... **'33,000**

WHEEL LOADERS

JD 544B, 544C, 644A &
Ford A64..... **Call For Prices**

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Harvest Time SPECIAL VALUES

ON THESE HARVESTING MACHINES

JD 6620 Sidehill, 1982, 1042 Hrs., Auto Header,
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Chopper, All Extras, Excellent



JD 6600 Leveland, Dsl., Rotary Screen, 24.5x32
Tires, Weights, 1400 Hours, Very Good



NH TR85, 1981, Hydro, 1800 Hrs., 28L Tires, Cat
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'34,300

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MF 750, Dsl., Hydro, Cab, Platform, 1163 CH
(Coming In)

NH 975 w/Cab And Platform, \$3,500

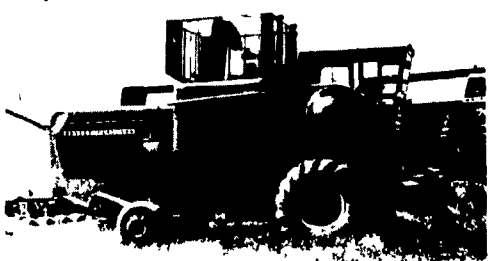
Good Selection Of JD & MF Corn Heads
Available



MF 760, Dsl., Hydro, Cab A/C, Good Rubber,
Spreader, 15' Platform, Good
'22,000



MF 750, Dsl., Gear, Cab, Nice Clean Machine,
15' Platform, 44 Corn Head
'19,500



MF 510 Dsl., Quick-Tach, Cab, 15' Platform, Good
'7,500

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A w/Widefront	\$1500
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1010-Gas-Cult.-RCP	\$3900
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730 Diesel-Try-3 pt.-RCP	\$3900
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JD 301 w/Mower-Clean	\$4900
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3020 Gas-Console-WF	\$5900
3020 Diesel-WF	\$5900
5020-Cab	\$6000
830-DE-2 Cyl.-Nice	\$6500
2640 Orchard	\$6900
4020-Very Nice-RCP	\$7500
2440	\$7900
3020 D-SC-PS-DIFF, WF	\$7900
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R-80-820-830 In Stock	Call

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8N-Very Nice	\$3400
4000-Utility-Gas-PS-RCP	\$4900
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3400 w/ldr.-Forks-RCP	\$4900
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5000D	\$5900
(2) 3000-Gas-PS-or Diesel	Each \$5900
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6600D-Flat Deck-1976	\$7400
3550 w/ldr.-RCP	\$7900
8700-Dual Power	\$8900
9700-ROPS-Duals-Wts.	\$9800
420 w/ldr.-RCP	\$9900
6500 w/ldr.-RCP	\$11,500

FARMALL TRACTORS

H	\$950
H-Fenders-Clean	\$1500
Super A w/Cult.	\$1900
404	\$1900
(2) 560 Gas	Each \$2400
Cub-Late Style	\$2500
Cub Lowboy w/4' Belly Mower	\$2500
Super C w/Cult-Sharp-Sharp	\$2600
100 w/Cult.	\$2700
404 w/Mower	\$2700
Super AV w/Cultivator-RCP	\$2900
444-Diesel-WF-3 pt.-PS	\$2900
560-D-WF-FH	\$3500
350 Utility w/Rotary Mower-RCP	\$3600
140 w/Woods Rotary Mower-RCP	\$3900
424-Diesel-Utility-RCP	\$4500
560D-Clean-Wide Front-FH	\$4500
826	\$4500
544 w/ldr. Rotary Mower-RCP	\$5700
756-D-WF-Nice	\$6200
656D-Hydro-Clean	\$6500
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86 Hydro-Hi-Clear-Diesel	\$6900
784-Cab-3500 Hours-1978	\$6900
886-ROPS-Bad TA-1976	\$7900
1466-Cab	Coming In
1586-ROPS-Duals	Coming In

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88-Wide Front-For Collector	\$2500
Super 55	\$2900
1950T-Needs Work	\$3900
1955-As Received	\$3900
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4-150 Duals, Cab, 3 pt. PTO-1977	\$11,100

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1070 w/Cab-As Is	\$4500
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970-Sharp	\$6900
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22 w/Loader-3 Pt.	\$2000
50 Gas-As Received	\$2700
35 Gas-As Received	\$2700
65 Diesel-As Received	\$2900
35 Gas-WF-3 pt.	\$3400
2135 w/ldr.-Rough	\$3500
40-Gas-Utility-3 pt.-RCP	\$3900
65 Utility Diesel-Rebuilt Multi Power	\$4400
35-Gas-RCP	\$4500
65 Gas w/Loader-Nice	\$4500
(2) 50-GAS-RCP-Sharp	Choice \$4800
65 Gas-PS-RCP	\$4800
35 GAS-P.S.-RCP	\$4900
(2) 1080D-1969 & 1972	Choice \$5200
165 Diesel-Multipower	\$5400
MF 165 Gas-WF-3 pt.-RCP	\$5900
1105-Diesel-WF-3 pt.	\$5900
150-Sharp-RCP	\$5900
30 w/ldr.-As Received	\$6900
40 B w/ldr.-RCP	\$7900

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

Long 460-1978-As Is	\$2500
Kubota B6100-2WD	\$3400
Kubota B7100 HST w/Mower	\$4400
Kubota B7000-4WD-Rotavator	\$4700
Kubota L185 w/Mower	\$5600
Valpadana 20/26 4WD-NEW	\$6474
Deutz DX90-Rollbar	\$6600
Kubota L235-4WD	\$6900
IMT 539-New	\$6995
Kubota L275-4WD w/Mower	\$8800
Valpadana 4033-4WD-NEW	\$9461
Long 360 4 WD-New-Was \$13,690	\$9873
Long 460 4 WD-New-Was \$15,373	\$11,119

ALLIS CHALMERS TRACTORS

G-RCP	\$1900
200-No Cab-Nice	\$6100
185-Wts.-Very Nice	\$8500
185 Cab-Air-1978-2200 Hours	\$9900



NEW CORNSHELLERS 3 Pt. & Pull Type

• 3 Pt. Economy	\$795
• 3 Pt. Standard	\$1395
• 3 Pt. Deluxe	\$1695
• Pull Type	Add \$100

Pictured Is Standard Model



NEW 5 FT. 3 PT. ROTARY MOWERS

SPECIAL \$449

40" to 84" Mowers In Stock
Both Pull-Type & 3 Pt.
At Good Prices

NEW 3 PT. 1 ROW P.T.O. POTATO DIGGERS



Complete w/P.T.O.
Shaft, Side Cutters,
Adj. Rubber Gauge
Wheels.

Special \$1,495

TRUCKS

White Truck	
Tractor	\$2900
1966 Chevy C60	
Dump	\$3900
1981 IH 1654	
C&C	\$11,500

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt.

SPREADERS

NH Tandem Axle-250 Bu.
JD R
NI 18
NH 365 Tank Spreader
IH Cub

DUALS

18.4x34 MF Axle
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

FIELD CULTIVATORS

JD 18' 3 pt.
Glencoe 13' 3 pt.

FORAGE WAGONS

Fox 625

CONSTRUCTION EQUIPMENT



NEW 1986 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. \$1,495

FORKLIFTS

4000 lb., Solid Tires,	
Side Shift	\$1000
3 pt. Attach-NEW	\$2500
Clark 4000 lb.	\$2500
Datsun 9000 lb.	\$3900
Oliver 55-RT	\$4900
Clark 8000 lb.-RT	\$5900
White 4000 lb.	\$6900
Ford 4000-RT	\$6900
TCM-6000 Lb.	\$7900
Hyster 10 Ton-RT	\$8900
MF 2200-21'-RT	\$11,500
AC 1600-21'	\$12,500
Sanderson SB70	\$16,500
White 21'	Coming In

DOZERS

Case 310	\$3900
JD 1010	\$5900
Cat D4D	\$10,900
JD 450-6 Way	\$11,500
JD 450-6 Way	\$12,500
JD 350B-6 Way	
Winch-LGP	\$12,500
JD 450B-6 Way	\$13,500
IH TD7C-6 Way	\$14,500
JD 350C 6 Way	Call
IH TD15C	Coming In
JD 350 6 Way	Coming In
JD 450 6 Way	Coming In
Cat D4D-P.S.	Coming In

SKID STEER LOADERS

Case 1737	\$4900
-----------	--------

MISC. CONSTRUCTION

(60) Used Hoe	
Buckets	From \$100
(30) Loader	
Buckets	From \$100
(30) Set Forklift	
Forks	From \$300
Pull Type Grader	\$900
JD 350 Winch	
Attach	\$1900
Essick 3-5 Ton	
Roller	\$2500
Knuckle Boom Log	
Loader Assy.	\$3500
AC D Grader	\$5700
Ditch Witch R65	
w/Hoe	\$8500
AC 700 w/Log	
Loader	\$9500
Rex 3-50	
Compactor	\$39,500

TRAILERS

1986 2X 4 Ton	\$1500
1986 3X 9 Ton	\$4500
32' Gooseneck-3	
Axle	\$4600
1986-12 Ton	\$5800
1977 44' Movall Drop	
Deck	\$12,100
1977 Phelan 25 Ton	
Double Drop	\$13,500

RUBBER TIRED LOADERS

Hough H25	\$1500
Trojan 264-GM	\$6500
Michigan 75 Series	
2	\$10,000
Hough 65	\$11,500
Fiat 745	\$12,500
Ford A62-1980	\$25,000
Ford A64	\$25,000
Cat 920-1978	\$27,500
JD 644B	Coming In
Ford A62	Coming In

TRACTORS WITH LOADERS

MH 22	\$2000
Case 420	\$2500
MF 2135	\$3500
(2) JD 440	\$3500
MF 65	\$4500
Ford 4000	\$4900
Ford 3400	\$4900
JD 600	\$5900
Satoh Buck 4 WD	\$5900
MF 300	\$5900
Ford 4400	\$6900
Case 530	\$6900
(2) MF 30	\$6900
Ford 3550	\$7900
MF 40B	\$7900
Ford 420	\$9900
Ford 6500	\$11,500

Valpadana 4033-4WD	
New	\$11,995
Valpadana 4038-4WD	
NEW	\$12,421

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Ford Log Hog	\$3200
(2) Franklin	Each \$4400
IHS7B	\$7500
Franklin 132XL	\$7500
JD 540 A	\$12,500
JD 440C-1978	\$19,800
JD 640	\$25,900

BACKHOES

Linkbelt LS52	\$3000
(2) Ford 4500	\$5500
IH 2400	\$7500
Ford 4500	\$8500
IH 2500B	\$9500
Ford 5550	\$13,500
(3) JD 410-Cab	
Each	\$13,500
JD 410	Coming In
JD 310	Coming In
(4) Case 580F	
Cab	Coming In

CRAWLER LOADERS

Oliver HG	\$2500
JD 430	\$4500

JD 1010	\$4500
Case 1150	
w/Ripper	\$7500
IH 150	\$9500
JD 450	\$9500
Cat 933F	\$9500
IH 500C w/Hoe	\$10,800
Cat 951A	\$10,800
JD 450 w/Hoe	\$12,500
Cat 951	\$13,900
JD 450 w/Hoe	\$14,500
MF 400 Cab	\$15,000
Cat 941-Cab	\$22,500
Cat 941 w/4 in 1	
bkt	\$22,500
Cat 955K	\$22,500
(2) Komatsu D55	
Cab	\$25,000
Cat 941-Cab	
Ripper	\$25,000
Cat 955K-Ripper	
Cab	Coming In
(2) Cat 951	
Cab	Coming In
Cat 955H-Cab	Coming In
(4) JD 450-Cab	
Hoe	Coming In
JD 350-Cab	
Ripper	Coming In
(2) Case 850	
Cab	Coming In

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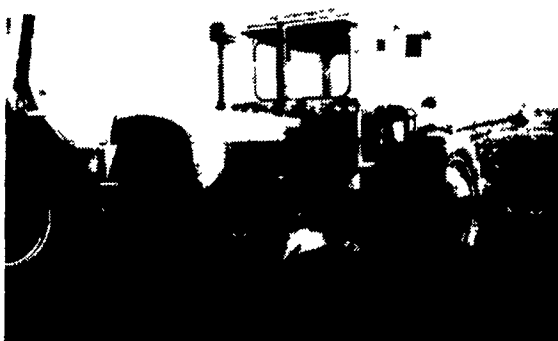
IH 544 Gas w/Industrial Mid-Mount Mower, New Paint, Works Good, Good Rubber.

\$5,700



MF 1080 Diesel, Wide Front, Dual Remotes, 38" Rubber, Original Paint, One 1969, One 1972

Choice \$5,200



JD 5020 - CAB - Runs Good

\$6,000



1972 AC 200, P.S. Wheels, Wts., Dual Remotes, Runs Decent.

Very Reasonable \$6,100



1977 White 4-150, Duals, Cab, 3 Pt., P.T.O., Dual Remotes, Good Operating Cond.

\$11,100



1976 Ford 6600, 16.9x38 Rubber (80%), P.S. Wheels, Decent Condition, Frt. Wts.

\$7,400



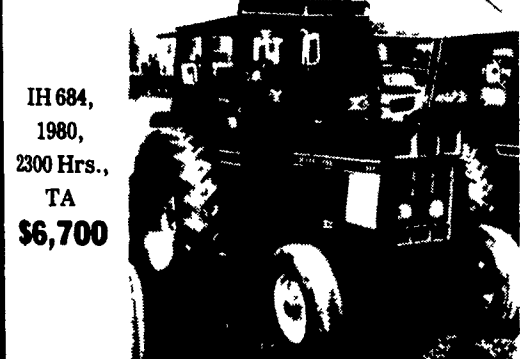
IH 756 Diesel, Dual Outlets, Dual PTO, Nice Paint

ONLY \$6,200



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1980,
2300 Hrs.,
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\$6,700

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All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base \$7420
- IH 615G-R Screen-QT-Base \$5940
- White 7300 G-QT-Base \$5870
- Gleaner K-R Screen-QT-Base \$8610
- MF 300 G-QT-Base \$4860
- MF 750D-QT-Base \$9340
- Gleaner F Diesel w/Grain & 435 Corn \$5980

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Loader Off D.B. 990
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
JD 158
Loader Off 800 Ford
Ford 5000 Loader
IH 2000 Off 706

BALERS

Extra Throwers
JD 214 Wire Tie
NH 850 Round
NH 851 Round

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 6600 Cab
JD 4320 Cab
Ford 9600 Cab

HAYBINES

NH 478-7'
Hesston 1070-7'

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
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Extra Grain Heads
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760 Harvester
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705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy.

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt.
IH 56 - 2 Row
JD 290 2x Pull
Ford 2x3 pt.
MF 2x3 pt.-NEW

SICKLE MOWERS

JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

CULTIPACKERS

9'-12'

CULTIVATORS

AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H-M 2x Frt.
IH 461 Ftr. Mtd. 4x
IH 4x FH
IH 153 4x 3 pt.
1x3 pt. - New

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2-Wheel Pull or 3 Pt.

\$995

4 Wheel \$1795

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- 4' 3 pt Standard Duty \$449
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- 5' 3 pt Standard Duty \$449
- 5' 3 pt Heavy Duty \$495
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- 7' 3 pt Heavy Duty \$1395
- 4' pull Heavy Duty \$595
- 5' pull Heavy Duty \$695
- 6' pull Heavy Duty \$895
- 7' pull Heavy Duty \$1495
- 4' 3 pt Estate \$1195
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- 6' 3 pt pitmanless \$1495

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- 3 pt 12 cu ft. \$550
- 3 pt 20 cu ft. \$695

STONE RAKES

- 6' 3 pt. \$495
- 7' 3 pt. \$550
- 8' 3 pt. \$595

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- 2 Wheel Pull PTO \$995
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- 4 Wheel Pull PTO \$1795
- 4 Wheel 3 pt Ground \$465

HAY RAKES

- 4 wheel 3 pt. \$465

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- 34" 3 pt. \$875
- 42" 3 pt. \$875
- 60" 3 pt. \$1275
- 66" 3 pt. \$1375
- 72" 3 pt. \$1475
- 82" 3 pt. \$1975

100 COMBINE CORNHEADS

CULTIMULCHERS

JD 930 - 12' 3 pt.

PLOWS

AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset)
4x-5x
IH 1x (FH & MTD)
IH 2x, 1 pt. FH & 3 pt.
IH 3x 3 pt.
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt.
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

HARVESTER HEAD SPECIALISTS (75 In Stock)

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
Lely 12' Roterra
1 tooth 3 pt. subsoiler
5'-8'-9'-10'-12'
-14'-16' 3 pt.

DISC'S

IH 10'-11'-13'
Transports
JD Plowing Disc-10' & 12'
KK 6' 3 pt.
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull

ROTARY MOWERS

JD 5' Pull
Modern 7' Pull
Ford 7' Pull
Woods C80 Pulotype
Woods 6' Offset, 3 pt.
FMC 13' Pull Type
IH 50-4X stalk Chopper

MISC. EQUIP.

Spike Harrow

CORN DRAGS
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert. Spreader
Hesston 30 Mover
(3) Bale Wagons
(2) Hesston 10 Stackers
(2) Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl Grinder Mixer
(6) Cornpickers
(7) Harvesters
Transplanters
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Cornshellers
Richardton 1400 Side Dump
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Papec Feed Mill

FARM EQUIPMENT



MF 1100 Dsl. w/Cab
1982 Case 580 D TLB
Case 1210
Case 1410
Case 970, A1 Condition,
Cab, Heater, etc.
AC D17
Case 580C TLB
JD 2030
Case 2290 w/Open Cab,
low hrs., A1 Shape
(2) JD LA's, Antique
Specials
Int. 6388, excellent
condition
705 Power Unit Diesel,
Uni-System
OMC 540 Stacker
OMC 540 N Mover
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Used NI #324 2 Row
Wide gathering unit,
good shape.
Plus NI 702 Uni-
Tractors, mow/diti-
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| Ford 3600 w/cab | JD 4040S, 4WD w/cab |
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| Ford 4000 1966 | (2) JD 4240, 4WD, cab |
| Ford 4100 | & air |
| Ford 4110 | JD 4640 w/cab, 4WD |
| Ford 4610, 4WD w/cab | Farmall H |
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| Ford 6600, 4WD | IH Cub Cadet |
| Ford 6610 | IH 986 |
| Ford 7700 | MF ~~SOLD~~ ower |
| Ford 9700 cab, DP | MF 285 |
| Ford TW15 w/cab & | MF 1080 w/Cab |
| air | Ferguson 20 |
| Ford TW20, cab & air | |

Special
MT 372 2WD, 15 h p
w/48" mower deck
\$4,500

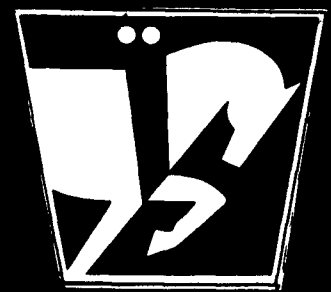
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JD 630 WFE, 3 Pt.
AC WD45, Wide Front
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JD 1240 Plate & Plate-
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NH 479 Haybine
Gehl 1500 A Round
Baler
Gehl 1400 Round Baler
Ford 152, 5-18 Auto
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White 588, 4-18 Spring
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NH 25 ~~SOLD~~
Call Norm or Mark at
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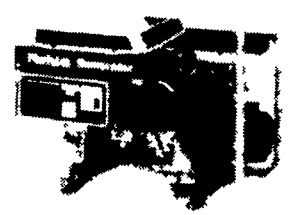
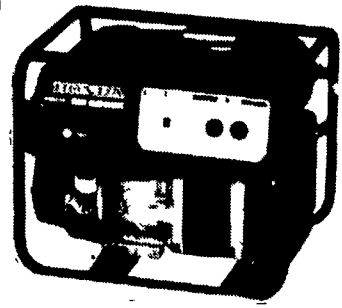
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- VH4D 30 HP Bobcat Repl. **\$1925.00**
- VH4D 30 HP Sta. F.W.A. **2290.00**
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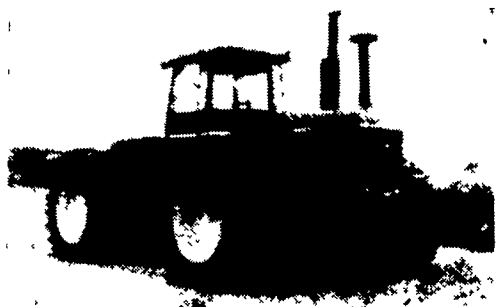


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|-------------------|----------|---------------------------|----------|
| Case 1190 | \$9,500 | Case 1212 ~~SOLD~~ | \$7,900 |
| IH 656 w/504 Ldr. | \$5,200 | Case 1410 | \$8,200 |
| IH 656 | \$5,200 | Case 65 Ldr. (Mtd. on | |
| IH 260 w/Ldr. | \$10,625 | 1410) | \$1,800 |
| JD 4020 | \$9,500 | Case 800 | Just In! |
| | | Case 530 w/Loader | Just In! |

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- (3) Gehl 99 Blowers
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with Assorted 2-Row Heads
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- Int. 120 Forage Box w/Tandem
Running Gear—Like New!
- Grove 16' Forage Box
- JD 16' For. Box, 3
Beater w/Roof

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- Owatonna 595 Round Baler
- Vicon RP 1210 Round Baler
- Several Square Balers In
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- Gehl 1500 Round Baler

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- (2) Hesston 1014 Hydrowings
- Hesston 420 Self Propelled
- (2) Hesston 1090's
- (2) Case 555 Windrowers
- (2) Vicon KM 240 Windrowers
- Gehl 1080 Mower Conditioner
- Hesston PT-10
- OMC 232 Hydro Swing

UTILITY

- Case 580C Backhoe
- Case 1845B Skid Loader
- Ex. Cond., 1984 Model

MISCELLANEOUS

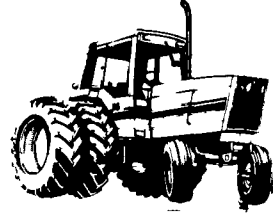
- Jacobsen 8 HP Tractor w/Mower
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TRACTORS

- | | |
|--|--|
| JD 4640, Quad, fact. cab & air, 20.8x38, w/duals | IH 1066 fact. white cab w/air, nice |
| JD 4640, Quad, 20.8x38 radial, fact. cab & air | IH 1066 w/100 hrs. on Major Overhaul |
| 1981 JD 4440 Power shift, fact. cab & air | IH 986, cab & air, '79 model |
| JD 4440, fact. cab & air, QR. | IH 966 2200 orig. hrs., very nice |
| 1979 JD 4240, fact. cab & air Quad range | IH 966 Fend ~~SOLD~~ ctor, 38" rubber |
| JD 4430, quad, fact cab & air | IH 886 Cab & Air, Fully Equipped, Sharp Low Hr. |
| JD 4030 w/year round cab, dual hyd., 38" rubber | Tractor |
| JD 4020 Diesel, dual hyd., WF, side console | IH 1206 w/dual hyds. & PTO's |
| JD 2940, 1980 model, fully equipped very nice | IH 856 Dsl., 3 pt., WF, year round cab w/air. |
| JD 2750 Fender tractor, like new | IH 806 Dsl. w/ ~~SOLD~~ Turbo, 3 pt., WF |
| JD 2640 w/Hi-Lo, dual hyd. | IH 756 Dsl. 3 pt. WF, very nice |
| JD 3020 Dsl., side console, WF, syncro. | IH 666 Dsl. g/ ~~SOLD~~ re, WF, dual hyd. |
| JD 3010 Dsl. w/recent engine overhaul, nice | IH 784 w/Quick attach loader |
| JD 1530 Diesel w/hi-low & ind. PTO | IH 84 Hydro. |
| JD 1530 Dsl. w/recent engine overhaul & JD 48 | Oliver 1850 Dsl. w/WF |
| loader | Oliver 1850 Dsl., NF, Cheap Power |
| JD 2510 Gas | MF 1135 w/enclosure, nice tractor |
| IH 1086 Fact. cab & air, radial tires | MF 175 Dsl. w/multi-power |
| IH 1066, fact. red cab & air | MF 235 D w/loader |
| | MF 65 Dsl. |

HARVESTING EQUIPMENT

- | | |
|---|---|
| JD 4400 Dsl. Combine, Late '79 Model, very nice | NI 717 Combine, nice |
| JD 5400 self-propelled chopper, cab, air & hyd. | NI 716S Grain Head |
| w/3RW, 3RN, hay pickup, adapter & 343 corn | NI 713 Grain Head |
| head. | NI 737 Husker, 250 acres, like new. |
| MF 510 Dsl., w/cab & air & grain head, very nice | (2) NI 737 Huskers |
| IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, | NI 740 & 741 Quick Tach Throats |
| w/810 grain head, very nice unit | NI 768 3R WN Chopperhead |
| K Gleaner w/10' Floating cutter bar. Local 1-owner. | NI 730 4RW Cornhead |
| NI 708, air, 4x4, w/almost new 838 husking bed, | NI 725 3RN corn head w/strippe bars |
| 841 Quick tach throat w/JD 443 4RN corn head | (2) NI 729A shellers, both need work, make offer. |
| NI 707 Perkins Dsl. cab & air, variable speed. | JD 443 4R Narrow Corn Head very good condition |
| NI 705 GMC V6 diesel cab, variable speed | MF 13 and 15' grain heads |
| NI 702, V6, gas w/cab | IH 810 13' grain head |
| NI 701 Inline 6 cyl., gas, variable speed, cab | |

IMPLEMENTS

- IH 6000 Conservation til chisel, 13-tooth
- Glenco pull type chisel, 10-tooth
- NI 279 Cut/conditioner
- JD 110 Disc, 14'
- JD AW Disc, 14'
- JD RWA Disc, 12'
- IH 470 Wing Fold, 16', 6"
- 12' Miller Offset disc, 3 bar
- IH 37 10' Disc, nice.

Dismantling For Parts:

- | | |
|--------------------|---------------------|
| IH 1256 | IH 706 Gas Tractor |
| IH 70 hydro w/good | Farmall H |
| hydro | Used Dual PTO's for |
| IH 806 Diesel | IH tractors |
| NI 702 D | |

MISCELLANEOUS

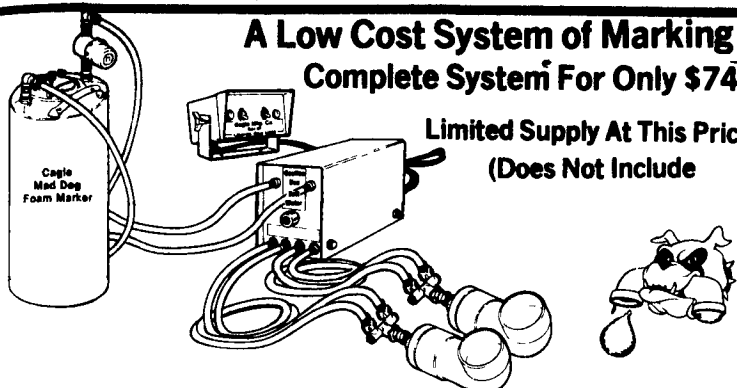
- 185 bu. tank spreader
- JD 158 Loader w/8' material bucket
- IH 2350 Quick Tach Loader
- Quick Tach Lo. ~~SOLD~~ fit the bigger IH tractors.
- Dual wheels - 34's and 38's
- 3 Cabs to fit 06 series thru 66 series IH tractors
- Tractor Weights JD & IH
- Cab to fit JD utility tractors, very nice cond.
- MF 3 pt. 5' Rotary Mower
- 1971 Dodge Straight truck w/hyd. dump

Box 191 New Providence, PA 17560

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717/464-5960 Evenings

A Low Cost System of Marking Complete System For Only \$745

Limited Supply At This Price!
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"MAD DOG" FOAM MARKER

FEATURES:

- 12-Volt Air Compressor
 - Plastic Tubing for 50' Booms
 - Remote Control Box
 - 2-Foam Generators
 - 5 or 10 Gallon Stainless Steel Tank
 - Easy Operation and Installation
- For easier, more efficient, and economical field application use the NEW "Mad Dog" Foam Marker by CAGLE. Use On:
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Complete TA assemblies for 706-1586 are priced at \$595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag. The Dana sprag is guaranteed for 2 years against failure. Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons. Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at \$150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation. Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx. 4-6 hrs). We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines.

We are in need of TA & clutch cores for rebuilding purposes. If you have not returned your cores, please do so or call us for pickup.
Dealers: We are paying cash for cores. If you have quantity, we will pick up.

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1 FARM EQUIPMENT

TRIPLE H EQUIPMENT

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Vermeer

NEW VERMEER EQUIPMENT

SPECIAL

10 FT. VERMEER
NO-TILL DRILLS

2 New
Factory Demos \$6,900 ea.

- (1) Rental Drill. \$6,500
 - (1) Rental Conserv. District. \$6,800
- All Machines Carry Factory Warranty And In
Exc. Condition — Call Today...Ask For Jim!

NEW VICON EQUIPMENT

- (2) KM 321 Mower Conditioners 10' 6"
- (1) KM 281 Mower Conditioner 9' 5"
- (1) Vicon 365 Gal. Truck Mount Sprayer
- (1) Single 4 Wheel Rake
- (2) 3 pt. Disk Mowers
- (1) 6-Basket Tedder, 20 Ft.
- (1) 4-Basket Tedder
- 3 pt. Sprayers - 50 Gal. to 235 Gal., Booms from
21 Ft. to 35 Ft.

NEW H&S EQUIPMENT

- (1) Super 7+4 Forage Box, Tandem Axles
- (2) 8x18 Bale Throw Racks, Steel Const., 8 Ton
Gears
- (1) 8x18 Self Unload Bale Rack

NEW SOUTHEAST MFG. EQUIPMENT

- (1) 8' Scraper Blade
- (1) 6' 3 pt. Rotary Mower

USED EQUIPMENT

- (1) Vermeer 605E
- (1) Vermeer 504G — \$6,400
- (2) CM 240 Disc Mowers (Demo)
- (1) NI 7 ft. Cutditcher
- (1) NH No. 850 Round Baler — \$3,500
- Farmalls - "H", "M" And Super C

GUNTHER HEUSSMAN INC.

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Call John Bolton
or Gunther

TRACTORS

JD 4240 Dsl., QR Fender
1980 JD 4440 Dsl., Cab, Air,
Power Shift, 1400 Hrs.
1979 JD 4440 Dsl., Cab, Air,
Power Shift, clean tractor
1976 JD 4430 Cab, Air,
Quad
JD 4430 Dsl., Power Shift, 4
Post Roll Guard
JD 4040 Dsl., QR, 4 Post,
very nice
JD 5020 Dsl., 3 pt.
JD 4030 Dsl. Fender
JD 4020 Gas, Side Console,
WF
JD 3020 Dsl., side console,
WF
JD 4020 Dsl., side console
w/cab, exceptionally nice
JD 2640 Dsl., Hi/Low In-
dependent PTO, ex-
ceptionally nice
JD 2030 Dsl. w/3 pt., very
good
JD 2020 Gas w/3 pt.
JD 2020 Dsl., Hi/Low
JD 1530 Dsl.
JD 1020 Gas w/3 pt., Power
Steering
IH 766 Dsl., WF, new TA,
very nice, 1,900 hrs.
IH 1066 Dsl. w/Red Cab,
2600 hrs.
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 856 Dsl. w/Cab, extra nice
MF 1155 Dsl., Cab & Air
MF 1100 Dsl. Tractor, WF
MF 135 Dsl. Multi Power,
Power Steering, 1800 hrs.
Oliver 1650 Dsl., WF
White 2-85 Tractor, WF,
1900 hrs.

HAY EQUIPMENT

JD 1209 Mower Conditioner,
Late Model
JD 1207, 7' Mower Con-
ditioner
JD 346T Baler w/30 Ejector
JD 336 Baler w/30 Bale
Ejector
JD 327 Baler w/Thrower,
excellent
JD 327T Baler w/Bale Chute
JD 24T Baler w/Ejector
NH 467 Haybine
NH 469 Haybine
NH 320 Baler w/Bale Turner,
excellent
NH 851 Round Baler, very
nice
NH 316 Baler w/70 Thrower,
new
NH 315 Baler w/Thrower
JD 640 Hay Rake
NH 38 Flail Chopper, DEMO
IH 1300, 3 pt. Mower, like
new

CORN PICKERS

JD 300 Husker, 3RN Corn
Head
JD 300 Husker, 2RW or 2RN
Head, Late Model
NI 325, 2RN w/8 Roll Bed
NI 325, 2RN w/8 Super Sheller
NI 325, 2RN w/12 Roll Bed,
like new
NI 324, 2RW w/12 Roll Bed,
like new
NI 324, 2RW 8 Roll Husking
Bed
NI 323, 1R

LOADERS

1979 Case 1845 Dsl. Skid
Loader, 1300 hrs.

QUALITY LATE MODEL FARM EQUIPMENT

NEW ARRIVALS

MF 33 3 row narrow corn
head
MF 13' grain platform
JD 216 flex head, cut 200
acres
1975 Ford 5000 diesel, wide
front, excellent
JD 410 round baler, very
nice
MF 1163 6 row narrow corn
head

Dairy Special —
Deutz Fahr Tedders
10' KH300, \$1,395
17' KH500, \$2,195

Farm Bilt Bale Wagons,
8x18, Adjustable Tongue,
8T Gear, 11Lx15 Tires,
\$1,875 FOB.

BALE WAGONS

NH 1033 NH 1002
NH 1034, 105 bale capacity,
single bale unload, like new

GRINDER MIXERS

NH 353, 355 NH 351
NH 352 Gehl 95
NH 354 Gehl 100, new
Brady 1050, 3 Ton

CORN HEADS

JD 243, 2RN IH 843, 4RN
JD 244, 2RW IH 844, 4RW
JD 343, 3RN IH 863, 6RN
JD 443, 4RN IH 227, 2RW
JD 444, 4RW MF 43, 4RN
JD 643, 6RN MF 44, 4RW
AC 430, 4RN MF 1144, 4RW
AC 330, 3RN MF 63C, 6RN
IH 943, 4RN NH 962 3RN

MISCELLANEOUS EQUIPMENT

IH 2R Potato Digger
NI Manure Spreader, Tandem Axle, Hydraulic End Gate, new
NI 213 Manure Spreader, very good w/pan
JD 148 Loader for 2840's & 2510-4240 Tractors
18x38-18x34-20x38 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
IH 1701 Loader
IH 2350 Quick Tach Loader
JD 158 Loader, new
JD 3R 30" Fg. Head
New Fox 2RN Forage Head
IH 510, 21x7 Double Disk Grain Drill
Turbo Chargers to fit JD 3020 & 4020 Tractors
JD 214 Self-unloading Forage Wagon, very good

COMBINES

JD 6620 Dsl. Hydro, Side
Hill, very nice
1979 JD 4400 Dsl., Cab, Air,
23" Rubber, 700 Hrs.,
excellent
1977 JD 6600 Dsl. Hydro,
1200 hrs., very nice
1976 JD 4400 Dsl., Cab &
Air, 1100 hrs., very nice
1976 JD 3300 Dsl., Cab, Air,
570 hrs., very good
1973 JD 4400 Gas, Local
Trade, excellent cond.
1976 MF 510 Dsl., Cab, Air,
23" Rubber, excellent
1976 Gleaner FKS Dsl., Cab
& Air, very nice
1976 IH 715 Dsl., Hydro.,
Cab, Air, 23" Rubber, nice
local trade
MF 300 Dsl. w/Cab, 13'
Grain Table & Corn Head
MH 80 SP Combine, 12'
Grain Table, One Owner,
Good Solid Hill Machine,
\$1,250
MF 92 Combine w/11' Grain
Table, good solid machine
Corn & Soybean Chopper to
fit JD 3300-4400
JD 213 & 215 Flex Heads
IH 820 13' Flex Head

Good Selection of Grain Tables —
Financing Available on Above Machines

YANMAR

More than You Expect.



That's what makes Yanmar compact diesel tractors so popular. From 14 to 33 horsepower, Yanmar offers 12 models that give you more features than you expect.

- Fully enclosed bevel gear front axle design on 4 wheel drive models for virtually maintenance free long life
- Powerful fuel squeezing Yanmar diesel engines deliver the torque you need and the long life you demand
- Live 2 speed PTC (540/1000RPM) with shuttle power shift keeps your attachments running at a constant speed

Test drive a Yanmar today!



Tractors and Implements More than You Expect

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ARDWARE & EQUIPMENT CO. INC.

- JD 4840, Cab, Duals, PS \$23,000
- JD 4640, Cab, Duals, QR \$22,500
- JD 4440, Cab, Duals, QR \$19,500
- JD 4440, Cab, 4 WD, QR \$19,900
- JD 4240, 4 WD, Cab, QR, Nice \$18,500
- JD 4240, Cab & Air, 1,079 Hrs. \$19,000
- JD 4430, Cab, Duals, 2150 Hrs \$13,800
- JD 4240 w/Cab, 4WD, QR ... \$16,800
- JD 2350, Hi/Low, New \$13,800
- JD 4230, Cab, 4WD \$10,800
- JD 4230 Fender Tractor, QR ... \$8,500
- JD 4230, 4 Post, QR \$8,200
- JD 2640, Hi/Low, 2100 Hrs. \$7,800
- JD 4520 SR, 2900 Hrs. \$7,800
- 1972 JD 3020 Dsl. w/Cab. \$6,000
- JD 4020, PS, WF \$5,500
- JD 3020 Dsl., PS, WF \$5,500
- JD 3020 Dsl., WF, SR \$5,000
- JD 4020 Dsl. PS, NF \$4,800
- JD 720 Dsl. Elect. Start. \$3,000
- JD 400 w/Mower \$3,500
- JD 60 GSDice \$1,400
- JD 110 w/new Mower \$1,000
- JD 2500, 5x18 Reset Plow \$1,000
- JD Weights. Half Price
- Zimmerman Elevators & Wagon Gears
- NH 56 Rake. \$600
- 1200 Bu. Steel Corn Crib \$550
- Farmco Metal Feeders & Bale Bodies
- Steel Gates & Farmer Boy Bins

Reiff Farm Service Shippensburg, PA 717-532-8601 Can Finance

- AC 7000 Dsl. Tractor
- AC 185 Tractor
- AC CA Tractor w/ Cultivator
- AC D17 Dsl. Tractor
- AC D17 Gas Tractor
- Farmall 300 Tractor
- Farmall Cub w/1R Cultivator
- OMC 450 Grinder Mixer
- NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
- Case 10' Pull Type Pt Chisel Plow
- NI 707 Power Unit
- AC Gleaner E Combine w/10' Gr Head
- NI 717 Combine

ROY H. BUCH INC. Ephrata 717-859-2441

TRACTORS

- AC 5040
- Ford 5000 Gas
- Ford 7000 w/Cab
- Ford 7700, 4WD, Less Cab
- Ford 5610 Less Cab Int. 656
- AC 160
- JD 4400 Combine, 13' Grain Head, 36" Row C.H.
- Hydro 100 Int., 1974, 1900 hrs.
- Ford 5000 SOS Dsl.
- Ford 4000 Gas, SOS
- Ford 4500 TLB
- Ford 1100 2WD
- Ford 1200 4WD w/loader
- Ford 1210 hydro, 4WD
- Ford 1100-4WD 8 & 9 N's

EQUIPMENT

- (1) NH 489 Haybine
- NH 488 Haybine
- NH 467, 7' Haybine
- NH 78 Baler w/Thrower
- JD 24T Baler w/Kicker
- NH 707 Harvester
- NH 717 Harvester
- NH 782 Harvester
- NH 36 crop chopper
- NH 717 Single Row Corn Head
- Lots of Lawn & Garden Tractors w/Mowers & Snow Blowers.
- Bobcat 720 Skid Loader
- IH 51 Forage Wagon

CHARLES S. SNYDER INC.

RD3 Tamaqua, PA 18252 Phone: 717-386-5945

USED CONSTRUCTION EQUIPMENT

Backhoes, Loaders, Crawlers, Dozers, Etc.

Currently avail.:

Backhoes:

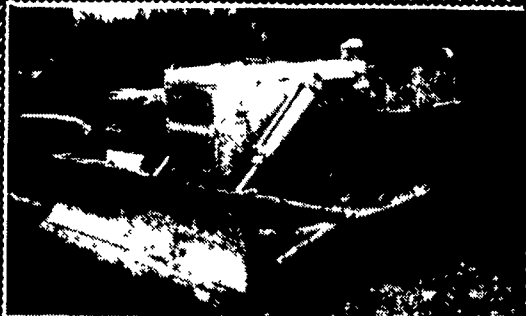
IH 3514; IH 260; Ford 5500; Ford 555-A, '84 4 Wheel Drive, 1390 Hrs. Case 580-C w/extend-a-hoe

Crawlers:

IH 100C, 4 in 1, ROPS JD 2010; JD 450-C with backhoe

Inventory Changing Daily Call for current prices

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CAT D-6 Dozer, UC 70%, \$5,500.00.

ALSO, IHC 250 Crawler/Loader, 4 in 1 Bucket, Rophs, \$11,000.00.

PHONE (814) 793-2829 (814) 793-4481

NEW EQUIPMENT

- Kuhn 6', 3 pt Sickle Bar Mower
- Kuhn GF22, 10', 3 pt Hay Tedder
- Kuhn GRS25 Tedder Rake
- Kill Bros 350 Gravity Box
- Pequea 7' PTO Hay Tedder
- NI 406 Hyd Hay Rake
- Bush Hog 42", 48", 60" & 72" Rotary Choppers
- Pequea 8x18' Bale Rack Wagon
- MF 1010, 2WD Turf Tractor
- MF 1010 Hydro 4WD Tractor
- MF 1010 Gear 4WD Tractor
- MF 1020 Gear 4WD Tractor
- MF 1030 Gear 4WD Tractor
- Hesston 4600 Baler w/Thrower
- Hedlund Martin 1678 Manure Spreader

Tye 10' No-till Drill Available For Rent We have soybean seed & soybean inoculant in stock.



DUTCH AUCTION

The price of the following machinery will be reduced each day (except Sunday) until sold.

New Equipment

- Windrower Hesston 1091 9'3"
- Post Hole Digger Danuser w/12" Auger
- Soil Finisher Glencoe 12'9"
- Round Balston 5540 demo 4'x6'
- Bedding Chopper Goosen 10HP w/Nursery Pack

List

- \$ 9,347.00
- 771.00
- 8,379.00
- 12,883.00
- 3,475.00

Starting Price

- 3/10 \$7,940.00
- 624.00
- 7,482.00
- 8,982.00
- 3,192.00

Daily Reduction

- \$10.00
- 1.00
- 8.00
- 8.00
- 3.00

Price Today

- 7/5 \$6,950.00
- 525.00
- 6,690.00
- 8,230.00
- 2,895.00

Tag#

- 1881 Corn Planter White 5400 4RN w/liquid

Used Equipment

- 1899 Forage Blower JD 6000 1,000RPM
- 1773 Field Sprayer Century 200 gal. 8 roller
- 1965 Grinder Mixer Gehl 120 Hyd Drive
- 1920 Manure Spreader NHS676 T. Beater Hyd Gate
- Graetz Web 285 Bu. New Sides
- 1933 Unloading Wagon Kasten 14' 2 Beater w/gear
- 1934 Unloading Wagon Dion Box Only 3 Beater
- 1602 Combine IH 403 w/3RN head & cab
- 1600 Combine NH 985 w/cab 13' Grain Platform
- 1860 Manure Spreader NI 224 10 ton w/gate
- 1920 Haybine New Holland 495 12 ft Roto Reel

Starting Price

- 3/10 \$1,948.00
- 1,093.00
- 893.00
- 3,387.00
- 2,947.00
- 1,194.00
- 949.00
- 7,890.00
- 8,888.00
- 2,989.00
- 3,895.00

Daily Reduction

- \$ 2.00
- 2.00
- 2.00
- 3.00
- 3.00
- 1.00
- 1.00
- 10.00
- 12.00
- 6.00
- 5.00

Price Today

- 7/5 \$1,750.00
- 895.00
- 695.00
- 3,090.00
- 2,650.00
- 1,095.00
- 850.00
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- 7,700.00
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RD 4, Lebanon, PA (Fontana) 717-867-5161 Mon.-Thurs.-7:30-5:00; Fri.-7:30-8:00; Sat. 7:30-4:00

'400' Super Diesel By Yoder's Custom Service



Modeled From Lafayette 1986 Show Tractor Except Different Decals — No Inscription 1/16 Scale — Plastic — Steerable Rubber Tires — Well Detailed Order From: Ken Coble P.O. Box 513 • South Whitley, IN 46787

Qty.	Price	Amount
Model '400' Super Diesel	\$55.00 Ea.	
IN Residents Add 5% Sales Tax	\$2.75 Ea.	
Postage & Handling	\$2.50 Ea.	
10% Disc On 10 Or More	TOTAL	

Only 2,300 Being Made

Mail To: Name Address City, State, Zip Phone

Allow 4-6 Weeks For Delivery

Official 1986 Beaver Falls Show Tractor Diesel Model '700'



Picture Of Prototype Tractor Actual Model Will Have More Detail 1/16 Scale — Plastic — Steerable Dated Show Inscription Hot Stamped On The Body Made By Yoder's Custom Service

Send All Orders To:

Ken Coble

P.O. Box 513 • South Whitley, IN 46787 Deadline For Order Is July 20, 1986

'700' Show Tractor \$44.00 Indiana Residents Add 5% Sales Tax \$2.20 Total \$46.20

Ship UPS - No Charge

Mail To: Name Address City, State, Zip Phone

Allow 4-6 Weeks For Delivery

NEW EQUIPMENT SPECIALS

- Bush Hog Soil Hog 15 Shank Flat Fold, 32" Shank \$12,300
- 7 Shank Soil Hog \$ 5,200
- Dion Forage Wagon, 3 Beater Roof, 10 Ton \$ 6,000

Kuhn Tedders-Most Models in Stock

- NI 486 Round Baler \$ 9,800
- M&W 1500 Round Baler \$ 9,350

HESSTON EQUIPMENT

- Hesston Tractors 37HP-160HP In Stock
- 1010 Hydro Swing \$ 7,500
- 1091, 9' Windrower \$ 6,000
- 1150, 12', 9' Rolls \$ 8,900
- DP20 Baler Processor, DEMO \$ 6,900
- 2420, 12' Disk Harrow, 22" Blade, Spring Gang Hangers. \$ 3,500
- 5530 Round Baler \$ 6,000
- Forage Box, 3 Beater & Roof 10T Gear 12.5x15 \$ 4,900

USED EQUIPMENT

- 1983 White 2-105, 4WD, 540 Hrs.
- Kuhn 8' FC 250 Disk Conditioner
- Kuhn GMD66 3 pt. Mower
- Arco F15, 24' Wing Disk
- White 281, 12' Offset

STOLTZFUS FARM SERVICE

Cochranville, PA 215-593-2407

FARM EQUIPMENT

Case 430
w/Triumph
Highway
Mower
Good Condition
\$1,495

MANOR
EQUIPMENT, INC.
Sinking Spring, PA
215/678-0828

Farmall 884 4WD
w/2250 loader, 300
hours, tires are
very good, 8 spd.
synchro-mesh trans.
w/hi low range.

DIBBLE HARDWARE
717-833-5337
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after 5 p.m.

Walsh 300 Gal.
Sprayer, Centr.
Pump, Real Good
\$1,095

NH 489 Haybine
300 Gal. Skid
Sprayer,
Truck Mtd.

Gehl Forage
Wagon \$1,095

NH 320 Baler,
Good Shape,
No Thrower

NH 67 Baler
w/PTO Thrower

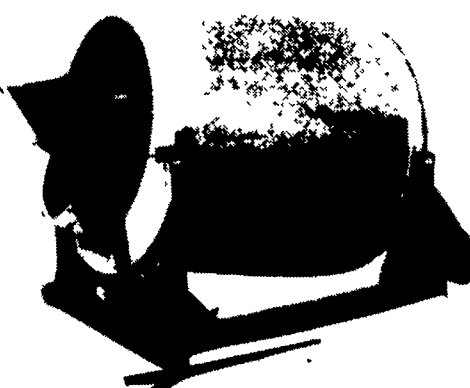
Case 1830 Skid
Loader,
Good Shape

NH 489 Haybine,
Like New

New NH 663 Tank
Manure Spreader
\$4,900 Cash

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Over With Our Design**



**Now Let Us Win You Over
With Our Price**

**TMR Mixers
By**



ZIMMERMAN'S FARM SERVICE Bethel, Pa.
717-933-4114

TRACTORS: Cub with mower; NH
pony with cultivator and mower;
Super A with cultivator; Oliver
55; Moline with loader; NH rake
with mower.

HAY TEDDERS: JD chopper;
Vermeer round baler, 62-268
with thrower; chisel plows;
bottom plows.

Lots of equipment not listed.

1531 Manheim Pike, Lancaster

Call 717-898-7446 evenings

IH 1440 Combine,
excellent used cond.
We sold new, recent
model. Complete
history available.
Buy a used combine
with piece of mind.

Hydro 100 Tractor,
We Sold New, Cab
& Air

M&R

Equipment, Inc.
New Park, PA
717-993-2511

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 655 Crawler	AC 5050D	JD 450 Crawler
AC 7020D	AC 7000D	AC 5040D	Oliver 1650D

**Used
Hay
Wagons**

**Used N.H. 315
Baler With
Thrower, Like New**

**Used
Gehl Mower
Conditioner**

USED COMBINES (LIKE NEW)

A.C. Models: G-C-N-L-F

These Combines are in Excellent Condition

**USED FORAGE
HARVESTORS:
GEHL I.H., N.H.**

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717
COMBINE, CORNHEAD & GRAINHEAD
NI 702 HUSKING BED AND PICKER

USED 4 & 6 ROW CORN PLANTERS

GRUMELLI FARM SERVICE

Quarryville, Pa.

717-786-7318

**DEUTZ
ALLIS**

USED EQUIPMENT

TRACTORS

IH 3288, cab, air, very nice	AC G w/Cult.	IH BN	MF 2675	Oliver 770 D
IH 886	IH Hydro. 84 D	IH H	JD 4010 D	Farmall 200 w/Cult., Corn
IH 784	IH 674 D	IH M	Cub	Planter, Fert. Mower,
IH 544 Gas	IH 656 D	IH 400 G	JD B	2B Plow, 6' Blade,
IH 560 G	IH 656 G Hydro	IH 434	JD 4620	Wood Saw
IH 240 U. w/loader	IH 560 D	MF 150 D	Case 1070	Ford 9N
	IH B414 D	(3) MF 1105		

CULTIVATORS

NI 456-R	IH 1440	IH 203	JD 2R 3 pt.	WAGONS
IH 440-S	IH 863, 6RN	IH 303	IH-C	Gehl 920, 16'
JD 24T-S	IH 843, 4RN	Case 600	IH 12 1/2' Vibratone	Gehl 910 Fg. Box
IH 47-S	IH 810-13	MF 300	Ferguson 2R 3 pt.	Gehl 710
IH 430-S	IH 820-16	IH 1460	IH 4R 3 pt.	Gehl 610, 14'
IH 37-S	IH 227, 2R C.H.	IH 963, 6RN C.H.	IH M	Grove 16'
Hesston 10 Stacker	IH 715		Oliver Rot. Hoe	Couhoun 620, 16'
			ELEVATORS	Cobey Rear Unloading
			NH 24'	16', 18' Bale Wagon
			David Bradley 24'	NH 8, 16'
			FLAIL CHOPPERS	Coby 14'
			Gehl 7200	IH 120, 16'
			Gehl 72	IH 110
			IH 5	Turnco Gravity Box
			JD 27, 14' Shredder	IH 105
			JD 16A	JD 122
			Brady 722	RAKES
			Brady 121	Vicon 3 pt. NH 55
			GRAIN DRILLS	Pequea 466 Turner
			IH 10	WINDROWERS
			IH 510, 16x7	IH 1190
			Tye 80 No-till	IH 990
			McConnell 16x7	NI 290
			JD FB	AC 904
			MF 33, 13x7	NH 1469 SP
			JD 15x7	NI 272, 7' Cutditioner
			IH 13x7 Steel Wheel	NI 279, 9' Cutditioner
			HARROWS	OMC 700 SP 101
			IH 475, 12'	OMC 229
			IH 401, 12'	Gehl 108
			BH 10'	Gehl 440
			JD 12' BWF	NI 270 Cutditioner
			IH 470, 12'	Hesston 1214 Swing
			IH 37, 8'	Tongue
			IH 47, 13'	MISCELLANEOUS
			JD KBA 8'	Irrigation Pump, 75HP
			IH 9A 9'	Katolight 18000
			Niemeyer 3 pt. 8' Power	Generator
			Harrow	Bervac 3 pt. Snowblower
			Glencoe 12' Soil Finisher	Caldwell 10' Blade
			9' Packer	
			Athens 131 Disk	
			COMING IN...	
			JD 2840	NI 212
			JD 1530	NI 213
			IH 484	NI 214
			Kubota 4150, AWD, 50	NI 218
			hrs.	Star 930
			MF 175 w/loader	Better Bilt 2600 Gal. Liq.
			MF 410 combine	Manure Tank
			MF #43, 4 row head	Hesston 1400 gal. Liq.
			Badger 14' forage wagon	Clay 800 gal. Vacuum
			IH 225 windrower	NH 676 S
				NH 365
				HB 357
				NH 790

BALERS

NI 456-R
IH 440-S
JD 24T-S
IH 47-S
IH 430-S
IH 37-S
Hesston 10 Stacker

COMBINES

IH 1440
IH 863, 6RN
IH 843, 4RN
IH 810-13
IH 820-16
IH 227, 2R C.H.
IH 715

BARN EQUIP.

24' S.U
20' Conv.
8HP Bed Chop
Badger 560 Barn Cleaner
14' SU

GRINDER MIXERS

OMC 117
IH 105
JD 700
NH 357

HARVESTERS

IH 830 Fox 2000
IH 555 Fox 3000
Gehl 600 Fox 546
Papec 180 Fox FA
Fox 1000 JD 2RW C.H.

LOADERS

NI 506
IH 2050A
KW for IH 284

SKID LOADERS

Hydro Mack 10
OMC 440

BLOWERS

IH 56 Gehl 99
Dion 60 Papec 54
NH 30 Badger 98
Fox 660 Sprme 56
JD 860, 3 pt.
MH Table w/Pipe
Fox Table, PTO

PLOWS

IH 55 Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
MF 3 pt. Chisel Plow
White 508 Plow, 4x16
Kasco 9' Chisel
BH 3 pt. 52" Tiller
IH 710, 3x16
IH 450 3x16
AC 4x16

MOWERS

IH 222
NH 450
Ford 5' Rotary
Woods 48" for MF 205

PLANTERS

IH 800, 4R
IH 800, 6R
IH 400, 6RN, no-till, liq.
IH 400, 6RW, no-till, dry
IH 400, 4RNW, no-till, dry
JD 7000, 6RN, no-till, dry
JD 1440, 4RW, no-till, dry
AC 600, 4RN, no-till, dry
White 5400, 4R
White 543, 4RN, no-till,
dry
White 543, 4R Plate
IH 56
IH 449
JD 494A

FERT. SPREADERS

Lely 2500 Trail
Stoltzfus Hyd. Trail
Gandy 8', new

MELROSE FARM SERVICE
498 BUCHANAN TRAIL WEST
GREENCASTLE, PA 17225
(717) 597-3138

CARLISLE FARM SERVICE
260 YORK ROAD
CARLISLE, PA. 17013
(717) 243-4419

G & D REPAIR

Quality is our game - Service is our Aim

JD 2510 Gas
4430 ~~Gold~~ b Sharp

JD 4020
JD 44 ~~Gold~~ Cab & PS

**We Are Now A Factory Authorized
Kewanee Farm Equipment Dealer.**

Check With Us For Your Tillage Needs.

1 New 18 Ft. Field Cultivators Zimmerman Hay Tedders
1 New 12 Ft. Disk 8 Ft. 3 Pt. Blade
1 New 18 Ft. Wing Disk 1 New Coulter Type Chisel
6 Ft. 3 Pt. Blade Plow, 7 Tooth
8, 10 & 12 Ton Zimmerman 1 New Tillage Saver
Running Gears 1 Used 12 Ft. Culti Mulcher

**New Bale Wagons And Self Unloading Wagons.
Rugged Custruction - Reasonably Priced**

RD 5 Penryn Rd., Manheim, Pa.

717/664-2207

Specializing in John Deere But Will Also Rebuild Other Makes
Reasonable Rates - All Work Guaranteed

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch
Slide away
hitch to
prevent
cattle
from injury

Jack
Fold up
bulldog
for easy
hookups

Bearings
Tapered roller
bearings for
long lasting
& easy towing

Reflectors
SMV sign for
safe towing
on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

Priced At
24'-\$695
30'-\$825

LEROY ZIMMERMAN

RD 2, Box 148, Ephrata, PA 17522
717-859-3869



(2) MH Pony Tractors
Super A, 60" Mower
Ford 501 3 pt. Mower
NH 516 Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
NH 69 Baler w/Thrower
IH 37 Baler w/Thrower
Hesston PT10 Mower
Conditioner
NH 469 Haybine, ex-
cellent
NH 25 Blower
Case 5B 16" Plow
JD 4x14 Mtd. Plow
NH 822 Corn Head
Brillion 24' Field
Harrow
MF 205 Combine
Gehl 600 For. Harv. w/2
Heads
Fox Blower
Badger 14' Fg. Box
Kasten 14' Forage Box
NH S23 Blower
Farm Hand Flail Tank
Spreader



**SCHREFFLER
EQUIPMENT**
Pitman, PA
717-648-1120
717-648-1811

SUPER SPECIALS OF THE WEEK

Kuhn FC 300
Mower-Conditioner
\$8995

USED EQUIPMENT

Deutz 8006 Used Tractor, Ex. Cond.
MF 1110 Tractor
XT 190D AC Tractor, Real Nice
NI 702 Uni Harvester With 717
Combine Head
NH Model 90 Bale Handler
AC 4 bottom SC plow
JD 6 Bottom Reset Plow
IH 400 Used Planter
Papec Harvester w/Both Heads
LKS Combine w/Grain And 630
Corn Head
AC N-5 Combine w/Grain and 630
Corn Head

SPECIAL SALE KUHN MOWERS RAKES AND TEDDERS

AC 333 4 Row Corn
Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete
Plate Planter, One Only At \$6,495

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.

8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193



RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

234, 2WD
244, 2WD
475 disc, 17'5"
370 disc, 11'6"
800 Cyclo planters, 4R
IH 5500 mtd chisel
plow, 9'
IH 4500 Vibra Shank
IH 5100 Grain Drill,
20x6

USED EQUIPMENT

NH 316 Baler
used 2 seasons,
Waiver til 1/1/87

NH 276 Baler
w/Thrower, nice
Waiver til 1/1/87

IH 384
IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G
Farmall H
Farmall C
Farmall SC w/Cults.
154 LoBoy w/Mower
IH 800 Cyclo Planter,
4R
IH 642 4-Btm. Rollover
IH 490 Folding Disc,
24'
Haines bulk bodies
Massey Harris drill
16x7
Potato planters
Case 230 Baler
#475 Disk 17' 5"
22" Notch Discs
Used One Season

IH 710 3 Btm. Auto.
Trip Plow, excel.
cond.
IH forage blower
Holland transplanter
IH 45 Baler
IH 4 btm. semi-mtd.
plow
Haines Stone Pickers
(2) IH 234 Corn
Pickers
IH 1150 Grinder-Mixer
IH 456 Corn Planters
IH 400 Cyclo Planter
JD Plateless Planter
Int. #16 Forage
Harvester
Mohawk Rotary
Mower, 8'
IH #8 Crop Chopper
IH #46 Baler



New Cash Deals,
Low Rate Financing or
Waiver of Finance

RD 1, Ringtown, PA
717-889-3184
Since 1949

SMITH'S IMPLEMENTS, INC.

Rt. 16 West of Mercersburg, PA

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717-328-2226



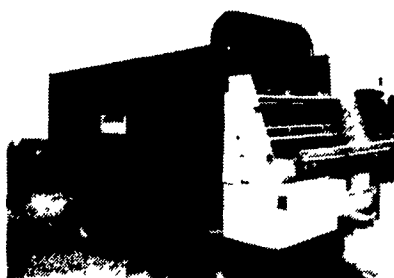
NEW MACHINE SPECIALS

JD 4050, 4 Post, QR
JD 1219 Mower Conditioner

USED EQUIPMENT

MF 65 Tractor, Diesel, Very Clean
JD 3940 Harvester
JD 3960 Harvester
JD 216 Wagon w/1275 Running Gear
Case 1570 Tractor, very good condition
Priced below Dealer's Cost
JD 7000, 6R Conservation, Loaded, Dry
Fertilizer
JD 7000, 4R Planter w/Frame Mtd.
Coulters
JD 7000 4 RN Corn Planter
JD 1240, 4R Planter, \$750
JD 494A Planter, \$500
IH 400 Cyclo 6R Planter w/Liq. Fert.,
Insect. Attach., Hyd. Markers,
Monitor \$3,000
IH 400 Cyclo 6R Planter w/Dry Fert.,
Insect. Attach., Hyd. Markers,
Monitor, Hydraulic Driven, \$3,000
JD 3B Hydraulic Reset Plow
JD BW Disk
JD AW Disk
JD 520 Sprayer
JD 240 Loader w/85" Bucket
JD 716 Forage Wagon
Ask about finance program on new &
used equipment.

Late Season Special On
Used Corn Planters
All Planters Reduced



Arts Way Variable Speed
Unloading, 16 Ft. Forage Box
With Roof And Top Beater.

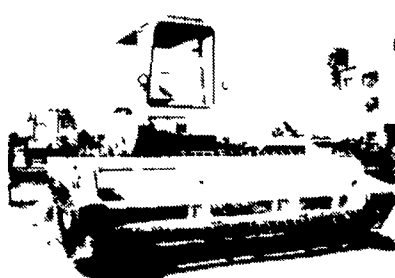
\$3995.00

New, Never Used. Running Gear
Not Included In Price.



Fox 2310 Harvester w/6 ft. Hay
Pickup and 2 Row Narrow Corn
Head

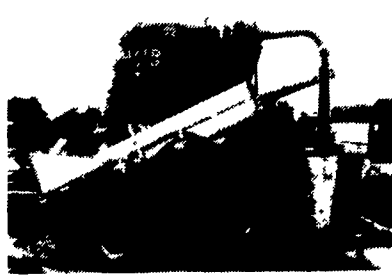
\$3650.00



IH 225 Self Propelled Windrower
Conditioner Reconditioned,
Ready To Go. Waiver of Finance
Charges Until Sept. 1, 1986.



John Deere 1217 Mower
Conditioner 7 Ft. Cut
Used Approx. 1 Season
\$4,200.00



NH 358 Grinder Mixer 125 Bushel,
Hydraulic Drive With Weigh
Scale Attachment 1 Year Old

Price Reduced

Was \$9,200.00 Now \$8,900.00



Underferth McCurdy
Cultisystem 5000 21 Ft. Wing Fold
Field Finisher, Excellent Con-
dition.

New Price Over \$11,000.00

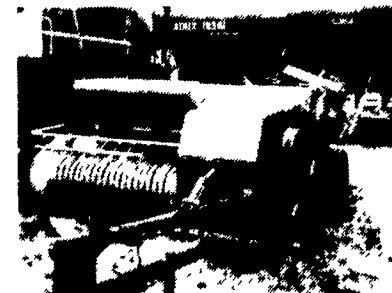
Price Reduced

Was \$5,500.00 Now \$4,500.00



NH L-425 Skid Steer Loader 30
H.P. Gas 284 Hours.

\$9500.00



JD 336 Baler w/30 Ejector.

\$4750.00

HARVESTERS & ATTACHMENTS

NH 890W Hay Pickup \$1200 00
Fox 2300 Harvester w/3 Row Corn
Head and 6 ft Hay Pickup
\$3250 00
JD 300 Husker Corn Picker with 2
Row Head \$8500 00
NH 880R2 Corn Head \$1200 00
NH 880 Harvester \$3450 00
NH 717R2 Corn Head \$650 00
NH 717R2 Corn Head \$750 00
NH 880N3 Corn Head \$1250 00
NH 707 3 pt Harvester \$1500 00
NH 890 Harvester \$4500 00
NH 892 Harvester w/New Knives
\$7000 00
NH 5717 Harvester \$1800 00
NH 822 Corn Head 2 Row
\$1000 00
NH 770 Harvester with 770 N2
Corn Head \$3600 00
JD 38 Harvester w/2 Row Narrow
Corn Head \$3650 00
NH 880 Harvester \$2450 00
NH 822 Corn Head 2 Row
\$1500 00
NH 707 3 Point Harvester
\$1000 00
JD 3800 Harvester w/2R Wide
Corn Head \$1950 00
NH 770 N2 Corn Head \$1200 00
Fox 425 Harvester 1 Row
\$1800 00

RAKES & TEDDERS

NH 258 Rake 9 1/2 ft \$1350 00
NH 256 8 1/2 ft with Dolly Wheel
Used 1 Year \$1800 00
Kuhn GRS24 Combination Rake
Tedder \$1650 00

TRACTORS

JD 1520 Gas 45 H.P. \$5500 00
Farmall H Tractor \$1250 00
JD 3140 Tractor 80 H.P. (Same As
2940) With Cab \$12000 00
JD 1130 Tractor 45 H.P.
\$6,500 00
White Oliver 1465 70 H.P. Diesel
\$5950 00
White Oliver 550 Industrial Tractor
Loader with Reverser
\$6500 00
JD 4240 110 H.P. Sound Guard
Body \$17,900 00
JD 4230 100 H.P. Sound Guard
Body \$13,250 00
MF 255 Tractor 50 H.P. Diesel
\$7500 00
IH Farmall 350 Gas 45 H.P.
\$2950 00
AC WD45 Gas 45 H.P. \$1850 00
JD 400 Industrial Tractor Loader
New Engine Reconditioned
\$7500 00
AC WD45 Gas 45 H.P. \$2200 00

TILLAGE

IH 370 Disk Harrow 12.6
\$1950 00
Brillion 8 Ft Sprocket Packer
Demo \$1150 00
JD 1250 3 Bottom Plow \$1950 00
Oliver 3 Bottom Trip Plow \$695 00
JD 210 Disk 12 10 36 Blades
\$3400 00
Oliver 16 Ft Field Cultivator
\$1550 00
JD 210 Disk 12 10 With Cushion
Gang \$3500 00
AC 1200 Field Cultivator \$1375 00
Brillion 10 Sprocket Packer
\$700 00

MOWERS & MOWER CONDITIONERS

NH 489 Haybine 9 ft \$4250 00
NH 477 Haybine 7 ft \$2550 00
NH 489 Haybine 9 ft \$4500 00
JD 1207 Mower Conditioner 7 ft
\$2100 00
NH 1495 Self Propelled 12 ft Gas
\$10,500 00
Kuhn FC 250 Disk Mower Con-
ditioner 8.2 \$8250 00
NH 469 Haybine \$1250 00
NH 495 Haybine 12 Ft \$4200 00
JD 1380 Pivot Tongue Windrower
Conditioner \$4500 00
Owatonna Model 235 12 Ft
Swing Tongue Windrower
Conditioner \$3500 00
NH 463 Disk Mower 7 10 Cut
\$3095 00
NH 1469 Self Propelled Haybine
Ford Gas Good Rolls Make Us
An Offer
NH 495 Haybine 12 Ft \$4550 00
JD 1209 Mower Conditioner 9 Ft
w/Non Clog Guards \$3500 00
NH 1469 Self Propelled Haybine 9
Ft \$2500 00
NH 469 Haybine 9 Ft \$1950 00

PLANTERS & DRILLS

JD 1240 4 Row Narrow Plateless
Corn Planter \$1050 00
AC Model 333 No Till 4 Row
Narrow
JD 7000 6 Row Regular with HD
No-Till Coulters Just Arrived
Cole Iron Mounted Planter
\$1500 00
IH 400 Air Planter 6 Row \$1850 00
JD FBB Grain Drill \$850 00

SPREADERS

NH 676 Spreader 275 Bushel
\$1800 00
NI 218 Spreader \$1950 00
NH 5676 Spreader \$2100 00
Herd 750 Spin Spreader \$400 00
NH 519 217 Bushel 4 years old
\$2500 00
NI 214 Spreader \$1850 00
IH 550 Spreader \$1850 00
NI 224 Spreader \$2500 00
NH 519 Spreader 217 Bushel
\$2495 00
JD 680 Spreader 400 Bushel
\$4500 00
Clay 1500 gal Liquid Tank
Spreader \$2000 00
MF 205 205 Bushel Spreader
\$1900 00
NH 367 Tank Spreaders \$3450 00
JD 790 Tank Spreaders \$850 00

SPRAYERS

Truck Mounted Century 500 Gal
Sprayer with 5 H.P. Engine
and 42 ft Boom \$1500 00

SKID STEER LOADERS AND CONSTRUCTION EQUIPMENT

NH L 775 50 H.P. Deutz Diesel
Low Hours \$13 500 00
Melroe 610 Bobcat 30 H.P. Gas
\$5900 00
NH L 35 37 H.P. Gas \$6900 00
NH L 775 60 H.P. Gas \$7500 00
NH L-555 42 H.P. Perkins Diesel
\$12 900 00
NH L 451 31 H.P. Deutz Diesel
\$11,500 00
Owatonna Mustang 1700 Diesel
\$4750 00
NH L 445 31 H.P. Deutz Diesel
\$5950 00
JD 24 37 H.P. Gas \$4500 00

GRINDER MIXERS

Farmhand 810 Grinder Mixer 80
Bu \$1500 00
NH 352 Grinder Mixer 80 Bu
\$1950 00

COMBINES & ATTACHMENTS

NI 702 Uni System Power Unit Gas
with/729 Sheller 728 4 Row
Corn Head 710 Combine and
711 Grain Head \$7500 00
NH 962 N6 6 Row Narrow Corn
Head \$7500 00
NI 710 Combine Unit \$2200 00
NI 711 Grain Head

WAGONS & RUNNING GEAR

JD 1075 10 Ton \$2000 00
NI 206 Forage Box with NI 633
Wagon Gear \$1150 00

BLADES & LOADERS

Front Blade for 8N Ford \$525 00

FORAGE BLOWERS

NH 25 Blower Like New \$1800 00

BALERS

JD 336 Baler w/30 Ejector
\$4250 00
NH 273 Baler w/Thrower \$2500 00
JD 336 Baler w/30 Ejector
\$4750 00
JD 24T Baler \$900 00
NH 850 Round Baler \$3600 00
Vermeer Model 605D Round Baler
\$3250 00
NH 275 Engine Baler \$3400 00
NH 269 Baler w/53A Thrower
\$3200 00
NH 282 Baler w/62 Bale Thrower
\$3650 00
NH 272 Engine Baler \$2500 00
JD 346 Baler w/30 Ejector
\$5500 00
NH 273 Baler w/53A Thrower
\$3250 00
NH 273 Baler PTO \$3250 00
NH 273 Engine Baler \$2650 00
JD 336 Baler with 30 Ejector
\$5500 00
NH 310 Engine Baler \$4200 00



ABC GROFF, INC.

Since 1890

119 Railroad Ave

New Holland PA 17557

Parts 717-354-4191
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NEW STORE HOURS

Mon-Fri 7 AM-7 PM
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Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584
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Just In For Parts
656 Diesel Hydro

706 Diesel, Good Running Engine
USED TRACTORS

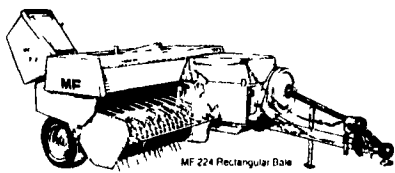
JD 4010 diesel, wide front end 3 pt. good average tractor
Farmall 856 Diesel, Wide Front, 3 Pt. rebuilt TA, good tractor
Farmall 966, 1975 Model, Diff. Lock and Clutch Assist, Cab and Air, Good Solid Tractor
Super MTA, Good Condition, Rebuilt TA, Wide Front Available.
IH W-9, 55 HP, Good Drawbar Tractor, Power Steering, Good Rubber, has belt pulley, \$1,500
Oliver 770, Av^{SOLD} Condition
Farmall 200, fast hitch and sickle bar mower

For The Collector: IH 22-36 on factory steel, very good condition but needs Restoration. Built in mid 20's.

Delivery Available Anywhere

Quality Used Parts

We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.



NEW EQUIPMENT

MF 220 Baler Hay Rakes
MF 224 Baler MF 925 Haybine 9'
MF 212 Bale Thrower Hay Tedders

USED EQUIPMENT

5' 3 pt. Grass Seeder MF 760 Combine
Ford 530 Baler w/heads
MF 750 Combine Gleaner G Diesel
w/heads Combine w/heads

Low Financing Available

Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ABRACZINSKAS
Farm Equipment, Inc.



RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

- (1) Used Badger 2250 gallon spreader manure tank
- (1) 10' Used Badger manure pump
- (1) Used Badger 2250 gallon vacuum spreader tank
- (1) Used 16' Badger forage box, tandem axle
- (1) Used 14' A.C. forage box, very cheap
- (1) New 3300 gallon Badger manure tank, large discount
- (2) New 16' Badger tandem forage boxes
- (1) New Badger forage blower w/magnet
- (1) JD 310 Backhoe w/cab, good condition
- (1) Diamond T 12 ton dump truck, 1967 model, good shape
- (1) General trailer, 12 ton, excellent
- (1) CL40 Ford skid loader w/manure scraper, 2 buckets & round bale spear
- (1) 1976 Ford 250 Van for parts, good motor & trans., all parts available
- (2) Van Bench seats fits Ford or Dodge

Cecil Dairy Service

R.D. 1, Rt. 274
Rising Sun, MD 21911
301-658-6923

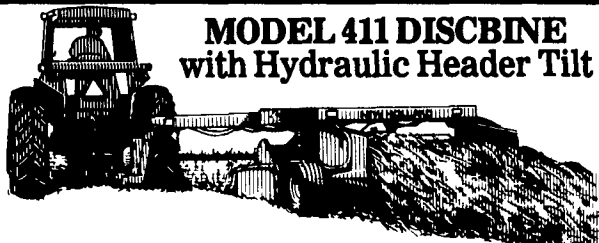
TRACTORS REBUILT

Wisconsin and Perkins
Gas or Diesel
DYNAMOMETER
TESTING
Briggs & Stratton
Sales & Service
Glick's Engine
105 Horseshoe Road
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RD #1 Box 228
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ACRES OF USED AND
RECONDITIONED FARM
EQUIPMENT AND
TRACTORS
Also
ACRES OF USED
EQUIPMENT AND
TRACTOR PARTS
WE WILL BUY OR TRADE
YOUR USED EQUIPMENT
IN ANY CONDITION

Clearance AND BARGAINS



MODEL 411 DISCBINE with Hydraulic Header Tilt

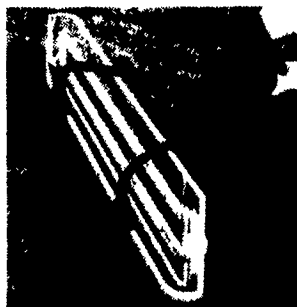
The Model 411 Discbine® disc mower-conditioner keeps on going, even in your toughest crops. Six discs make a 10-foot wide cut. They'll mow through fire ant hills and gopher mounds, and slice under down, tangled crops. Seven-foot wide intermeshing rubber rolls condition your crop gently and thoroughly for faster drying. You can lay down a wide swath or switch to windrow in seconds without tools.

List Price... ***14,390**

SALE PRICE..... ***11,500**

★ CASH DISCOUNT **—*800**

***10,700**



MODEL S7 8 1/2 Ft., PTO Powered, Mounted

Sperry New Holland Rolabar® rakes pick up more of your valuable hay. Offset wheels are set close to the basket, so the tines closely follow the ground to pick up all the hay but leave the dirt behind.

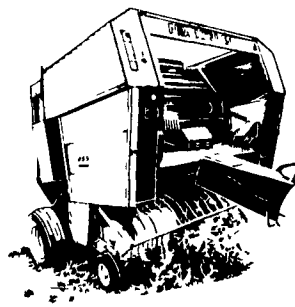
List Price... ***2,600**

SALE PRICE..... ***2,150**

★ CASH DISCOUNT ***150**

***2,000**

MODEL 855 ROUND BALER Auto-Wrap-Loaded With Extras



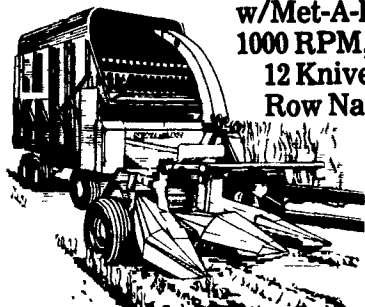
The Model 855 round baler makes dense, picture-perfect 5 1/2' x 5 1/2' bales. The Super-Sweep pickup gets the short, fine hay ordinary pickups miss, and turns it into solid, well-shaped, 1700-pound bales.

List Price... ***17,230**

SALE PRICE..... ***12,500**

★ CASH DISCOUNT ***700**

***11,800**



MODEL 782 HARVESTER w/Met-A-lert Metal Detector 1000 RPM, Electric Controls, 12 Knives, and Model 824 Row Narrow Corn Head.

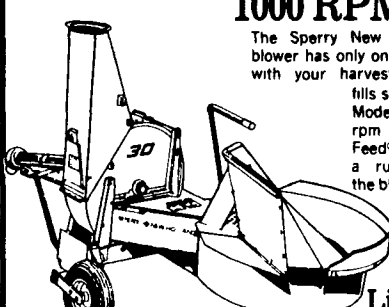
The Model 782 is built for heavy duty performance. The 12 knife cutterhead chops uniformly without a recutter screen. Exclusive under beveled knives eliminate the need for rebeveling. Flip up feedroll makes shearbar adjustment easy.

List Price... ***19,400**

SALE PRICE..... ***15,000**

★ CASH DISCOUNT **—*800**

***14,200**



MODEL 30 BLOWER 1000 RPM

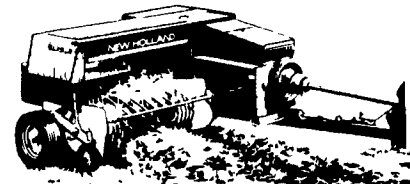
The Sperry New Holland Model 30 forage blower has only one speed—FAST. It keeps up with your harvester and wagons and fills silos quickly. The secret of the Model 30's capacity is its 1,000 rpm driveline and the Whirl-A-Feed® hopper that gives the crop a "running start" before entering the blower.

List Price... ***3,690**

SALE PRICE..... ***2,600**

★ CASH DISCOUNT **—*150**

***2,450**



MODEL 316 BALER

w/Model 70
Bale
Thrower

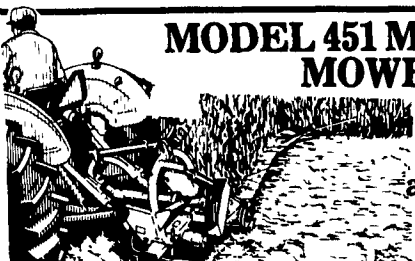
For dense, uniform bales, take a look at the Model 316 baler. It's a rugged baler, packed with features for high-capacity baling. From the wide Super-Sweep pickup to the most consistent knottor, it's got it all.

List Price... ***13,400**

SALE PRICE..... ***10,700**

★ CASH DISCOUNT **—*500**

***10,200**



MODEL 451 MOUNTED MOWER

w/7 Ft. Double
Guard Cutterbone
and Underserrated
Knife

You get fast, one-man hookup to most any three-point hitch tractor with the Model 451 pitmanless mower. The exclusive telescoping yoke and the built-in support stand make hookup a breeze. And forged steel cutterbar guards handle everything from fine grasses to thick, dense under-growth.

List Price... ***2,800**

SALE PRICE..... ***2,300**

★ CASH DISCOUNT **—*150**

***2,150**



PRICED TO SELL! Do Big Jobs In Tight Places Model L-250

- With
- Onan B43G 18 H.P. Gas Engine
- 23x8.50 12 Tires
- 47 in Utility Bucket

List Price... ***9,400**

SALE PRICE..... ***7,200**

★ CASH DISCOUNT **—*450**

***6,750**



MODEL 307 SLURRY SPREADER

21,275 Gal., 1000 RPM,
PTO, w/15.00x22.5 Tires

The Model 307 is a giant, ten-ton capacity slurry spreader from Sperry New Holland. It spreads a fine top dressing of manure—fast! You get an aggressive spring-loaded auger to move material to the front right side for easy, consistent spreading. The auger floats over rocks and foreign matter, reducing the chance of damage.

List Price... ***13,700**

SALE PRICE..... ***10,400**

★ CASH DISCOUNT **—*600**

***9,800**

*** IN LIEU OF CASH DIVIDENDS**

Free Finance Until March 1, 1987

- OR -

Low A.P.R. Financing Rates

0%..... 12 mo. 8.9%..... 48 mo.
5.9%..... 24 mo.

Note—Skid Steer Loaders Are Not Eligible For Free Finance

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717-896-3414**FORD TRACTORS**New CL25 Skid Steer
Loader w/Dsl.
Engine
New TW 20 w/Cab,
4WD, Air
New 7710 w/Cab, Air
New 4610 SU
New 2810, 3910
New 2110 & 1910, 4WD
New 1310, 1510, 1710
New 1210 4WD Hdro.
Drive, Mid PTO**NEW HOLLAND**New L555 D Skid Loader
New NH 353 Grinder
Mixer
New 34 & 38 Crop
Choppers
New #8 Forage Box
w/3rd Beater & Roof
Used 36 Crop Chopper
Used 270 Baler
w/Thrower
Used 273 Baler**NEW IDEA**New NI 406 Rake
Used NI 311 Gathering
Unit w/314 Sheller
Unit**OTHER EQUIPMENT**New Ford 133 High
Clearance Chisel
Plow
New Ford 208, 12½'
Field Cultivator
Used Farmall 350
Utility
Used Farmall BN
w/Cultivators
Used IH 430 Baler
w/Thrower
New Glencoe 12'9"
Finishing Harrow
New Glencoe Soil Saver
Stretch 7 Shank
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Corn Head to fit IH
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Amerind-McKissick
Log Splitter
w/engine, like new**NEW FORD 5610
DIESEL**FACTORY CAB, AIR, AM-FM,
DUAL POWER, QUICK-TACH
LOADER, FORK LIFT ATTACH.,
& SCRAPER BLADE,
ONLY 43 HOURS USE.

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301-838-2857 Evenings

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Head

N.H. #850 Round Baler

N.H. #469 Haybine

N.H. #273 Baler

White Six Row Toolbar Planter

Niemeyer Rake

Bush Hog Rotary Mowers; 9' and 10'

I.H. #122 Mounted Disk Harrow - 5'6"

I.H. #1440 Combine w/15' Head

I.H. #1460 Combine w/20' Head

I.H. #295 Planter Units

I.H. #5100 Grain Drill

Oliver #565 5/B Plow

Oliver 4 R. Mtd. Cultivator

Oliver #1755 Tractor

I.H. #165 5/B Two Way Plow

Long Irrigation System

John Bean #1010 Sprayer

J.D. 16' Spring Tooth Harrow

Ford 15' Disc Harrow

J.D. #235 - 19' Disc Harrow

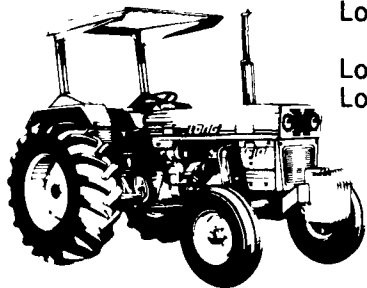
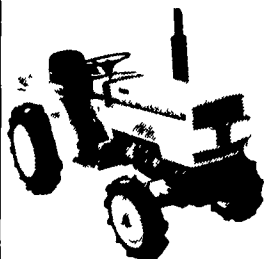
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a 20x60 silo, little use, \$2,500**TRACTORS:**856-D, wide front - 3 pt. new paint,
\$5,500560-D, wide front, fast-hitch, nice,
\$3,500

Farmall BN; Farmall C

RAKES

N.I. 400, \$675

BALERS:

J.D. 24-T w/kicker

269 N.H. w/thrower

Oliver 62-T

NH Super 69; N.H. 66

MISC.:

N.H. #50 bale thrower with 7 hp.

Briggs motor

Wisconsin 2 cylinder motor with starter

Hydraulic cylinders \$35 and up

M.F. #68 3 pt. Rotary Cutter

Oliver #82 - 7' grass mower

Selling for tractor parts - 6000 Ford

Diesel; Massey Harris 44 Diesel;

Massey 33 gas

Selling for baler parts - J.D. 24-T; 14-T;

N.H. 66, 68 & 69; I.H. 46 and 47;

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Hog Houses**Paul N. Brubacher**

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SALE****Second Hand Machinery**

NI 702 Combine w/710, 13' grain head

Ford 1710 FWD Tractor, low hrs.

IH 4R Planter w/insect. boxes

300 gal. Demco Sprayer

Stock Shredder

IH 9' Disk

Brillion 9' Cultipacker

White 9' Disk w/Hydraulic Cylinder

IH 7 Shank Chisel Plow, 3 PTH

Ford 1710, 2 WD w/wheel weights &
low hrs.

Ford 5000, good condition, \$3,900

Ford 917 Flail Mower

2155 Farmhand Tank Spreader

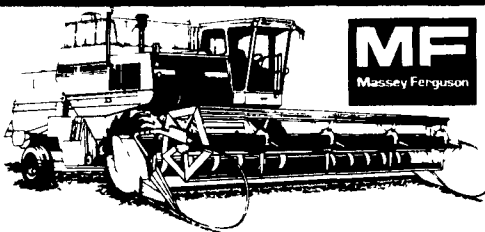
Bolens G172 w/midmount mower

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**USED COMBINE SPECIAL
WAIVER TO
SEPT. 1, 1986****OR 9.9% APR MF FINANCING!**

If you're ready to trade up to a pre-owned combine, we've got a combine and a very special offer for you. Come in now and get special MF financing. For cash/no-trade deals we can even offer some additional discounts. See us for full details before these offers end.

Just Traded1980 Model 801 Uni System w/4WD, 818 Grain Combine, 840 Feeder Housing, 844N
Corn Head, 4R 30", 767 Fg Harv, 774 Cutter Head 4R 30", 766 PU Head.**1980 MF 540 Gear**

Drive \$18,000

1978 MF 750 Hydro \$22,000

1976 MF 760 V8 Hydro \$18,000

1976 MF 760 Hydro \$19,000

1975 MF 750 Gear \$19,000

1975 MF 760 V8 Hydro \$15,000

1975 MF 750 Hydro \$12,500

1974 MF 760 V8 Hydro \$15,000

1974 MF 760 Hydro \$14,000

1973 MF 750 Gear \$12,500

1972 MF 760 Hydro \$15,500

USED M-F COMBINES

1972 MF 510 Hydro \$12,000

1972 MF 510 Gear \$9,000

1972 MF 300 Gas \$6,500

1972 MF 300 Gas \$6,000

1971 MF 510 Gas \$8,500

1971 MF 510 Gear \$8,000

1971 MF 410 Gas \$6,500

1971 MF 300 Gas \$6,000

1970 MF 300 Cab \$6,500

1970 MF 300 Gas \$6,500

1968 MF 510 Hydro \$9,500

1968 MF 510 Gear \$8,000

MF 124 Baler \$1,900

AC 303 Baler \$ 600

Glencoe 9 Tooth Soil Saver

1967 NI 702 Gas UniSystem

w/3R 30" Corn

Husker \$7,000

JD 6600 \$6,500

Farmhand Grinder

Mixer \$1,700

1957 MH 82 Combine \$600

Gleaner M2

Above Combines Include Grain Tables, Less Cornheads, 40 Cornheads In 2, 4, 6 and 8 Row Sizes.

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1155 Tractor w/Cab \$ 8,500

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MF 135 Dsl. \$ 3,500

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MF 135 Gas \$ 4,800

MF 1150 \$ 5,500

Ford County 1164 4 Wheel Drive \$ 6,800

MF 175 Dsl. \$ 4,800

IH 574 Dsl. \$ 5,200

MH Pony Tractor \$1,250

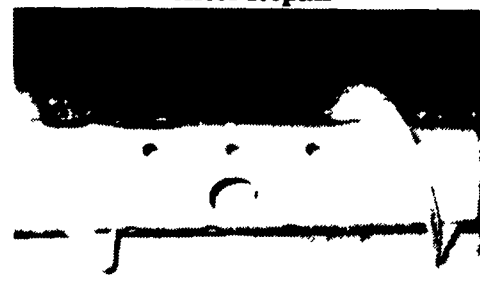
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7' Pull Type Rotary Cutter

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**Damaged Or Broken Combine Table Augers Rebuilt Same As New!**No need to purchase a new auger when you can buy one that's rebuilt! Or have your
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3 POINT SCRAPER



BOBCAT SCRAPER

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New Little Giant 34 ft. all purpose Elevator w/hopper & used tire
Special \$2,380.00

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New J.D. Model 714 A Forage Box w/roof, 3 beaters & 1075 J.D. 10 Ton wagon & new tires. 1 only
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New J.D. 327 Baler w/#40 ejector cylinder & oil lines. Call for special price

New J.D. Model 712 - 11 ft. 3" Mulch Tiller w/9 Spring trip standards & 22" Disc blades. 1 only

\$6,975.00

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NI Cut-ditioner, 9', Real Nice..... \$1,950
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NH 489 Haybine \$3,200
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(2) Hay Rack Wagons, 16' Like New .. \$1,150 ea.

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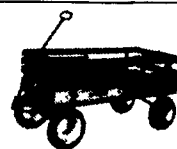
SPEEDWAY EXPRESS WAGONS

All Wagons Available With Or Without Racks. Write or Call for More Information.



\$50.00 To \$89.00

Air Tire 10" & 12" Wheels Available



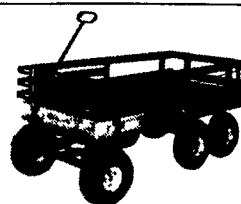
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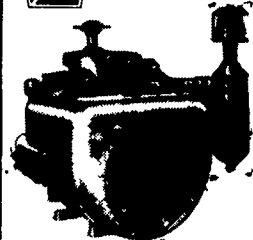
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- 1 & 2 Bottom Plows
- Discs - 4' - 8'
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DEALERS WANTED Lots of Used Equipment

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Pine Grove, PA

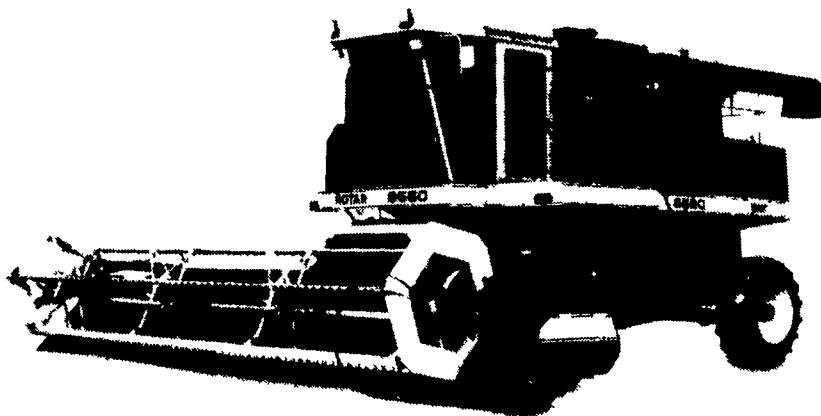
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For Time and Location

See The New Massey 8560 Rotary Combine In ACTION



MASSEY 8560 ROTARY COMBINE

INTRODUCTION

Meet the "Massey" 8560. It's the most advanced Combine in the industry. It's built by "Massey" and it features "Rotary" threshing and separation.

Why would "Massey" with the best conventional Combines in the industry, introduce a new Combine with Rotary design? — Because they listen to dealers and customers — and by listening they have learned, that some customers prefer conventional, while others would prefer rotary Combine designs, if they were built by "Massey", the Combine leader.

Like contact lenses or eye glasses, tractor front wheel assist, or four-wheel drive, either one will do the job — it becomes a matter of performance, conditions, and preference.

Both the conventional and Rotary Combines will harvest and save the grain when adjusted properly — each design has its own features, advantages and benefits to reduce grain damage, eliminate dockage, put cleaner grain and more of it in the bin, resulting in increased profits.

If you would like to harvest with a rotary design the "Massey" 8560 is the one for you. It is the most advanced harvesting system. Designed to maintain grain quality, save the seed and put a clean sample in the tank.

It has increased efficiency and capacity, to give you high productivity, get the crops off quickly, handle the weeds, and beat the weather. Features like "hydrostatic driven rotor" allows speeds from 0 to 920 rpm (standard drive) by simply moving a lever on the operator console. It's easy to find the correct speed for the crop and make changes as conditions change during the day's operation. This will save seed, save time and increase profits.

There are many additional features. Let "Massey" put you in the driver's seat for this coming harvest.

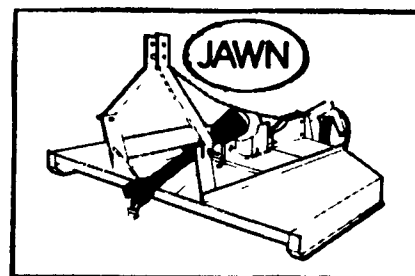


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- Rotary Cutters
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- S-tine Cultivators
- Post Hole Diggers
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- Disk Harrows
- Wagon Gears

- Bale Forks
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This is the equipment you need for your 20 to 60 HP Tractors
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3500 lb. single axle - 14" tires - treated deck - side rails - full width expanded metal tailgate.

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Rebuilt Kits, Rings, Rod
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With Full Gasket Set \$89.90.
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Sealed Power Tractor Industrial
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42 HP 2 Wheel
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Special this mo. 420 gal. pickup tank with
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IH Cub Tractor

New condition with PTO, hydraulics,
leveling blade, plow & cultivators.

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NH 451 3 pt. Hitch Mower \$1,700
NH 770 Forage Harvester,
2 Heads \$4,000
NH 489 Haybine \$2,200
NH 519 Manure Spreader
w/upper Beater \$2,500
NH 56 Rake \$500

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German Dsl. Engine, Hydrostatic,
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TW30 w/cab, air, dual whls. \$13,000
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Ford 555 Tractor Loader Backhoe
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Ford 550 Tractor Loader Backhoe
Oliver 4 WD
AC Pay loader, 1 1/4 yd. bucket
Ford 5610, 4 WD, cab & air
Ford 6710, 4 WD, cab & air
Ford 5000
Ford 6610
Kubota 7950, 4 WD
Ford 5610, 4 WD, real nice \$13,900
Ford 8N, new paint, good
Kubota 225 w/5' Woods mower, \$3,300
Kubota 7100 w/mower, 4 WD
Int. 706 diesel, good tires
Hay Buster Drill, model 1068, new
800 Ford Truck, \$2,500

Ford Farm & Industrial Tractors 7 1/2%

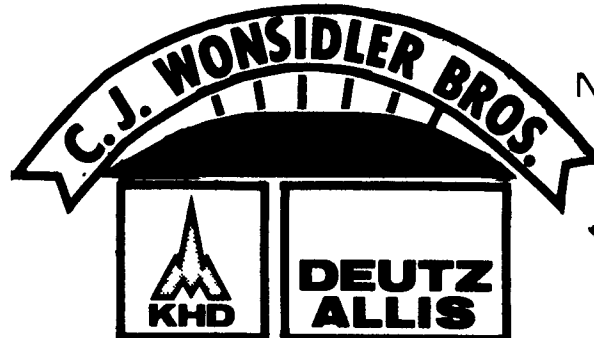
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Sat 7 30 A M - 12 30 P M



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Sat 7 30 A M - 4 00 P M

NEW HOLLAND



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AC 6060 D
AC 6140 D w/front end loader
AC 190 D, excellent!
AC 185 D, excellent!
AC 180 D
(2) AC D19 D
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AC D17 D
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AC WC
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Ferguson 50 w/loader
Ferguson 30
Farmall 460 D
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Farmall C
Oliver 1855 D, new rubber
Oliver 1650
Oliver 1550
Oliver 500 D
JD 2040 D w/145 loader
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JD 4010 D
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AC Gleaner F w/cab & both
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corn heads.
AC Gleaner CII w/4-row corn
head.
IH 93 w/8' grain head
IH 315 w/cab, grain & corn
heads.
MF 750 D w/cab, air/heat, & 630
corn head.
JD 55 w/11' grain & 3-row corn
heads.
JD 45 w/both heads
NH 975 Gas w/cab & both heads
NI Uni-System 701 w/710 power
unit, 10' grain & 2-row wide
corn heads.
NI Uni-System 702 w/717
combine, 4-row corn head.

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Leinbach 6' Disc-3 pt.
IH 9' Disc, pull type
JD 1000 12' Disc w/Trans.
Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill
JD 2B Plow, pull type
Oliver 6B Plow, semi mount
Ford 3B Plow, 3 pt.
Brillion 961 8' Seeder, pull type
Hanson 300 Gal. Sprayer, 28'
Boom
Kewanee 10' Cultimulcher
IH 11 Shank 3 pt. Field
Cultivator
JD 16' Cultimulcher
AC 600 No-Till Planter, 630 Air
AC 600 No-Till Planter, 438
Plate
JD 1240 4-row Planter
JD 38 Chopper w/both heads

MISC.

Uebler 810 Silage Cart, 35 BU.,
only 2 yrs.
Weaverline 224 Silage Cart, 30
BU., w/automatic charger,
rebuild!
Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket

HAY TOOLS

NH 90 Bale handler, 3 pt., like
new!
Ford 14-72 Rake, 3 pt.
NH 273 PTO Kicker
(2) AC 904 Conditioner
NI EZee Flow 127
MF 81 Haybine
NH 77 Baler w/engine
NH 269 Baler
NH 270 Baler w/PTO thrower
IH 56 Baler w/engine on thrower
MF 10 Baler w/PTO thrower
MF 12 Baler
IH 5 Bar Rake
JD 894 Rake 4 Bar
NH 256 Rake 5 Bar
FarmHand 4 Wheel Rake

"WE SERVICE WHAT WE SELL WITH QUALITY PARTS!"



A Fresh Team For Today's Farmer!

NEW TRACTORS

IH 234 AWD
IH 244 AWD
Case-IH 385, 35 hp
Case-IH 2294 MFD w/cab
Case-IH 2096 w/ROPS

NEW TILLAGE EQUIPMENT

Case-IH 4500 VS Cultivator, 12'
IH 5507 3 pt. Chisel Plow
IH 5509 3 pt. Chisel Plow
IH 5510 10' Trail Chisel Plow
IH 6511 Con-ser Til

NEW PLANTING & SEEDING EQUIPMENT

IH 800 6R Air Planter
IH 800 4R Air Planter
IH 800 4R Plate Planter
Case-IH 5100 16x7 Comb. Drill
Case-IH 5100 18x7 Plain Drill
Case-IH 5100 20x6 Plain Drill

NEW MATERIAL HANDLING

IH 560 Spreader
IH 2250 Loader

NEW HAY & FORAGE EQUIPMENT

IH 86 Hay Rake, hyd.
Case-IH 1300 Mower
IH 1190 Mower Cond. 9'

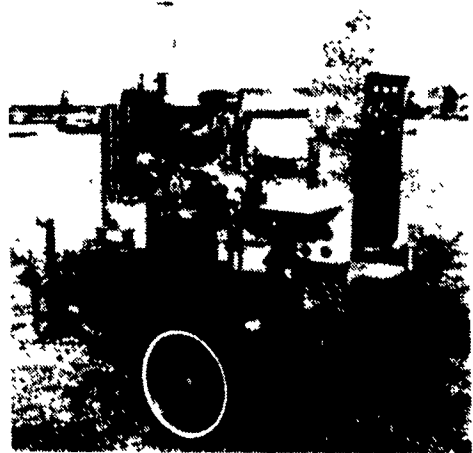
USED TRACTORS & EQUIPMENT

IH 1086 w/Cab	\$17,500	IH 1190 Mower Cond. 9' (exc.) ..	\$6150
IH 584 RC (very nice)	\$10,500	Pitts. 12' disc harrow.	\$1450
IH F-706 D w/2 pt.	\$5850	IH 531 3F 14" 3 pt. Plow	\$475
IH F-656 G w/2 pt.	\$5000	IH 412 4F 14" semi-mt. plow.	\$350
IH F-400 G	\$1750	JD Hay Fluffer	225
IH 843 4R Narr. Cornhd.	\$4850	IH 540 4F 16" Plow	\$950
Oliver 18 Pull Combine	\$650	IH 550 5F 14" plow	\$750
IH 46 Baler w/Thro	\$1250	IH 535 3F 16" Plow	\$750
IH 16 Hay Rake	\$650	IH 710 5F 16" Plow w/Cyl.	\$2250
IH 830 Forage Harv. w/hds.	\$5350	IH 37 11'6" Disk	\$750
IH 720 Forage Harv. w/hds.	\$4350	Ont. 13x7 SD drill	\$650
NH 479 Haybine.	\$2950	IH 510 SD 16x7 Drill	\$2950
IH 550 Forage Harv. w/hyds.	\$1650	IH 56 4R Planter	\$950
IH 990 Mower Cond. 9'	\$1500	IH 400 4R Planter w/mont.	\$1150

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All Oak Bale Wagon Racks

18'L - 8'W - 7½' H
Painted red and white. **'550**
Without Paint **'510**
20' Green Chop Feeding Rack . . . **'470**
8 Ton Gear, Used Tires
and Tubes **'485**
8 ton gear 11L tires & Tubes. . . . **'645**

Ivan Z. Hoover

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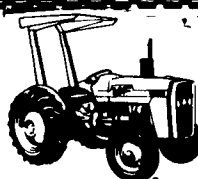
717-733-6825 7 AM to 7 PM

USED EQUIP.

JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 2840 Tractor
JD 2640 Tractor
Farmall Cub
w/Cultivators
ACD14 Tractor
AC 5050 Tractor
w/Loader
IHC 856 Tractor
Oliver 1950T Tractor
Oliver 1850 Tractor
JD 24T Bale w/30
Ejector
NI 708 Power Unit
JD 7000 4R Conv.
Planter w/Liq. Fert.
JD 7000 4R Conv.
Planter w/Dry Fert.
JD 7000, 4R Planter
w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640
C.H. & Platform
JD 660 Rake
JD 1217 Mower Con-
ditioner
JD 660 Rake
(2) Used Hay Wagons
(1) Used Hay Wagon

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TRACTORS & EQUIPMENT

MF 40 Diesel Tractor
w/Loader
MF 50C Tractor
w/Loader & Cab
MF 750 Combine
w/Attchs.
MF 510 Combine
w/63C Corn Head

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor
w/Turf Tires
MF 1010 Tractor
w/218 Mower
MF 1010 Tractor
MF #43 2B Plow
MF 427 No-Till Drill
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary
Cutter
MF 222 Scraper
Blades
MF 1018 Mower

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215-869-2214

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NEW TRACTORS & EQUIP.

Deutz-Allis 6035, 33 HP,
8F-2R trans
DX3 70A, 65 Hp 12F/4R
trans 4WD, Demo
DX7 10, 145HP cab
36F/12R powermatic
trans

SPECIAL OF THE WEEK KS 150 10 10 Rotary Rake \$1,995

Deutz-Allis 6080 84 HP
12F/3R trans, cab
Deutz-Allis 5220 21 HP,
12F-4R trans, turf
tires
DX3 30, 51 Hp 8F/4R
trans
DX6 50, 120 HP cab
12F/8R powermatic
trans
Landini 5830, 42 Hp
12F/4R trans 4WD -
\$9995
HD 490 Square Baler
w/Thrower 23T per
hr, \$9,900
GP 250, 4x5 Round
Baler, fully automatic
\$9,400
KH-500 17' rotary ted-
ders \$2,795
KH-300 9'10" rotary
tedders \$1,795
KS-85DN 9'10" rotary
rake \$2,295
KS-150AS 10'10" rotary
rake \$2,295

USED TRACTORS & EQUIP.

Deutz D8006, 85 h.p.,
1,700 hrs, solid
\$9,500
NH 850 round baler,
excellent shape
JD 1209 mower con-
ditioner, stub guards
\$3,500
JD 3020 w/cab, side
console, very clean,
\$7,500
Ford Super Major 5000
Diesel belt pulley, 47
HP

SPECIAL OF THE WEEK

JD 510
Round Baler

USED EQUIPMENT

SPREADERS	TRACTORS
JD 790 Spreader	JD 4000
NH 365	JD 2520
NH 791	JD 3020
NH 510	JD 3010
JD 40	JD 2840
1257 Demo Hedlund Martin	JD 620
	Set of 34" Duals w/Bar Clamps
	Set 36" Wheels
HAY & FORAGE	TILLAGE
JD 327 Like New	JD 3 BT 14" Plow
NH 469 Haybine	JD KBA 9 Ft. Disk
JD 38 & 35 Harvesters	Oliver 4 BT 16" Plow
JD 640 Rake	JD 22 Ft. Wheel Harrow
NH 880 Harvester w/Grass & 2 Row Corn Head	JD 5BT 14" Plow
Hesston 5800 Round Baler	
LOADERS	COMBINES
OMC 320 Skid Loader	JD 6600
	JD 7700
	NI 311 2 Row Pull Picker
	NI 2 Row Mounted Picker Walsh Sprayer



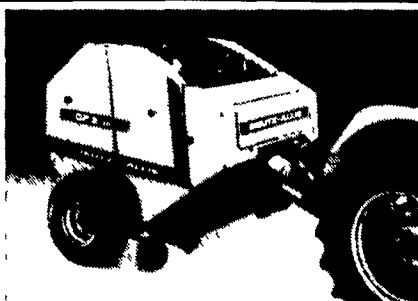
New & Used
John Deere Equipment



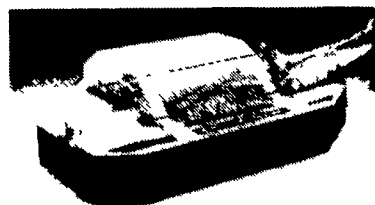
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GP 2.50 Round Baler,
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\$9,800
CASH DISCOUNT \$350



SM40CR Disc Mower-
Conditioner For High
Capacity
\$4,795
CASH DISCOUNT \$200



HD 490 w/Bale Thrower,
23 Ton/Hr. Capacity **\$9,900**
CASH DISCOUNT \$250

IN STOCK Top Quality Trade In's.

See Classified Ad
For Listing

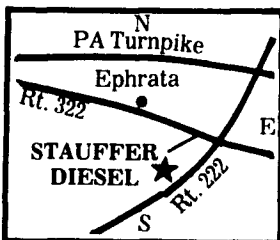
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PHONE 717-738-2500

Spring Specials On Equipment

Model 791 Manure Spreader w/Fluid End Gate, \$7,200
Model 520 Spreader, \$4,750
Model #38 Crop Chopper, \$4,900
Model #8 Crop Carrier w/Extension Sides & NH #238 Wagon w/Long Adj. Tongue & Flotation Tires, \$7,100
NH 311 Baler, \$6,999
NH 316 Baler, \$8,600
NH 488 Haybine, \$7,300
NH 489 Haybine, \$8,200
NH 499 Haybine, \$15,800

1. Free Finance Until November 1, 1987, for all new hay equipment, forage equipment.
2. Low Finance Rates on New New Holland equipment (except combines, which carry their own finance rate) Rates effective until June 30, 1986.
 - 0.0% financing for 12 months with a monthly payment schedule
 - 5.9% financing for 18 months with a monthly or quarterly payment schedule
 - 7.9% financing for 24 months with a monthly, quarterly, or semi-annual payment schedule
 - 8.9% financing for 36 months with a monthly, quarterly or semi-annual payment schedule
 - 9.9% financing for 48 months with a monthly, quarterly or semi-annual payment schedule.

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A Versatile Economical Elevator
For Grain and Hay

WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

• 28 Ft... **\$1585** • 32 Ft... **\$1625**
36', 40', 44' & 48' Also Available
Call For Prices



**WISCONSIN
ENGINES
SALES & SERVICE**

NEW HESSTON MODEL 1071
7 FT. MOWER-CONDITIONER

USED EQUIPMENT

- Woods Rotary Mower, 6 Ft., Like New \$800.00
- JD Rotary Mower, 5 Ft. \$400.00
- NH 752 Crimper
- NH 456 Mower, Used
- Brillion Cultipacker 10 Ft. \$350.00
- Int. 100 Balance Mower
- MC 7E Rotary Scythe \$1250.00
- IH 1150 Grinder Mixer, 1000 RPM, Good \$1400.00

USED TRACTORS

- White 2-60 Tractor w/Loader \$5250.00
- Case 930 Comfort King 3 Pt. \$3900.00
- IH 560 Gas, W.F. \$2650.00
- AC XT190 Diesel \$4600.00
- IH 806D \$4850.00
- IH 656 Gas Tractor \$3250.00
- AC D19 Gas \$2600.00



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USED EQUIPMENT

★ Extra Special Cash Allowance or Waiver Til 1/1/87 or 8.8% Financing on Most Used Equipment in Stock!

TRACTORS:

IH Farmall "C"
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle Int. F12 w/cult., \$650 - Runs
MF 65 Diesel Utility, Nice Shape
IH 240 w/Fast Hitch
Case 990
Cub Lo Boy w/60" Mower
154 Lo Boy w/60" Mower & Blade

IH 154 Cub Lo Boy w/Mower - Mechanic's Special, \$1,500
IH 350 Utility

HAY & FORAGE:

Int. 56 Blower, Rebuilt
IH No. 51 Forage Wagon
NH 38 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. - Make offer!
NH 461 9 ft. Mower Cond., Good Cond.
NH 69 Baler w/o Thrower
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower - \$1,500!
(2) IH No. Bale Throwers
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12' Woods RM90, 3 pt. Hitch, Finish Mower

MATERIALS HANDLING:
IH 530 Spreader w/End-gate
Farmhand Loader for IH 74 or 84 Series Tractor
IH 2000 Loader, Less Bucket, Mount for IH 275
PLANTERS:
IH 56 4-Row Planter - Coming In!
IH 400 4-Row Cyclo Planter - Coming In!
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump - Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

TILLAGE:

Brillion 10' Packer Mulcher - \$1,150
Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' - \$750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New - \$3,950
IH 37.35 In Various Sizes
IH 550 5-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
IH 315 12'4 Packer Mulcher
Chattanooga 11' Packer w/Transport
1-Bot. Trailing Plow
Vicon 10' Power Harrow - Was \$2,500 - Now \$1,150

COMBINES:

715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! - \$17,500 Less 15% Cash Discount
810 13' Cutter Bar, Like New
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead - \$3,250
IH 844 4 Row Wide Cornhead, Real Nice!
IH 863 6-row Cornhead Real Nice!
JD 7700 D w/6 Row 30" Hd., Coming In - Nice Shape

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead
OUTDOOR POWER EQUIP.
Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravelly Model 424, 10 Hp, w/Mower
Grasshopper 1620 w/Mower

MISCELLANEOUS:
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor - \$750
ARPS 3 pt. 78" Snowblower
Vicon 281 Mower Cond. - Extra Special Price! (New, Demo.)
Century 500 Gal. Trailing Sprayer
Walsh 300 Gal. Trailing Sprayer

**Summer
Specials!**

**JAMESWAY VENTILATION
EQUIPMENT IN STOCK**
Limited Availability **50% OFF**

- Butler 115 Mix Box \$6,450
- Vicon 281 Mower Cond (Demo-1 Only) \$9,500
- Trailblazer Foam Marker Kit (List \$950) \$ 785
- Century Dye Marker Kits - 3 Available At 10% Below Dealer Cost \$450 ea.
- John Blue Saddle Tanks - 200 & 260 Gal. Available In Stock
- John Blue 300 Gallon Trailer Sprayer
- John Blue 500 Gallon Trailer Sprayer
- John Blue 4-Row & 6-Row Tool Bars For Side Dressing - In Stock, Ready For Delivery - Only 1 Left!

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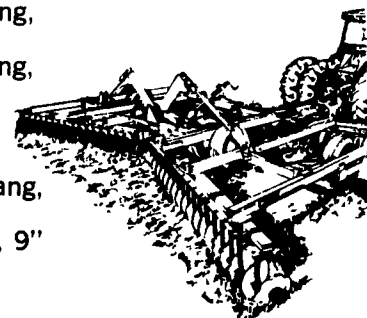


DISKS

Case IH 496 18x7 Cushion Gang, 7 1/2" Spacing
Case IH 496 18x7 Regular Gang, 7 1/2" Spacing

New Model - JUST IN...

Case IH 475 11'6, Cushion Gang, 7 1/2" Spacing
Case IH 475 12', Cushion Gang, 9" Spacing



SKID LOADERS

1816 C In Stock!
1835 B Disc ~~SOLD~~ 2 In Stock!
1845 ~~SOLD~~

Just Arrived...
585 Orchard Tractors
In Stock - 1 Left

NEW EQUIPMENT

Int. 200 Series Tractors In Stock - All Models Available!
Case 3294 - 4WD - Extra, Extra Special Price (On Rental)
Case 2294 - 4WD - Extra, Extra Special Price
Case IH 1896 - 2WD - 2 In Stock - 1 w/Cab & Air, 1 w/4 Post Roll Bar
Case IH 1594 - 4V ~~SOLD~~ Post ROPS w/Synchro Shift
Case IH 2096 - 2WD & 4WD
Case IH 2294 - 2WD
Case IH 685 Row Crop
Case IH 585 Row Crop w/Forw ~~SOLD~~ Reverse Trans., Just Arrived
Case IH 385, Low Profile w/Turf Tires
IH 4630 Vibra Shank Trailing Field Cult - 30 ft - Extra Special Price
IH 183 Vibra Shank 4-Row Cult - Set Up - Extra Special Price
Straw Chopper For 1420 Combine
IH 1620 Combine
IH 4623 Vibra Shank Trailing Field Cult, 21' to 26', Demo
IH 540 Spreader, 170 Bu
IH 595 Spr ~~SOLD~~ 365 Bu
IH 530 & 560 Spreaders
IH 375 Tandem Axle 10 Ton Running Gear w/11Lx15 Tires, Extendable Tongue
IH 1190 Mower Conditioner - Demo Model
Case IH 96 Hydraulic Rake
IH 415 13'2 Packer Mulcher
IH 415 10'1 Packer Mulcher
IH 181 Rotary Hoe
800 4-R ~~SOLD~~ Planter
800 6 Row Air Planter - Demo
IH 1490 12 Ft Hydroswing
IH 428 Baler w/Thrower
IH 445 Baler w/Thrower
IH 3450 Big Round Baler
IH 20x6 Plain And Combination Drills
IH 24x6 Plain Drill
IH 18x7 Plain Drill

Just Arrived
Case IH No. 14 Sub-Soiler, Auto Reset
Case IH 2200 Loader
Case IH 2250 Loader

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- ★ Farm Bilt Hay Wagons
- ★ Sprayer Parts headquarters
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- ★ FMC Bean
- ★ Brouwer Turf Equip.
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Hedlund Martin
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip.

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ROW CROP TRACTORS

JD 4050 Q/R, SGB	105HP	\$29,500
JD 3020 Gas S/R	70HP	\$ 5,500
JD 3010 Dsl ROM	55HP	\$ 6,250
JD 2510 Gas, ROM S/R	50HP	\$ 4,850
JD 620 Row Crop		\$ 2,995
JD 40T w/Cultv		\$ 1,895
CASE 1210 12-sp P/S, WFE	63HP	\$ 4,995
WHITE 2-105 Dsl, WFE, dual remote, 18 4T	105HP	\$ 7,995
OLIVER 1650 Gas, Hydra Power	66HP	\$ 6,495
IHC 706D Dsl	72HP	\$ 7,250
Farmall Super A w/Cult #3431		\$ 2,650

UTILITY TRACTORS

JD 2640 RU Dsl, Roll Gard	70HP	\$11,900
JD 2030 HU Dsl	60HP	\$ 9,950
FORD 600		\$ 2,995

USED COMBINES

NI 702 Uni, Dsl, Cab, 710-13' Plat	\$6,500
MF 300 Gas, Cab-Air, 13' Plat, 3 RN Corn Head	\$9,950
JD 7700 Cab-Air-Htr, Auto Header, Height Control	\$18,900
JD 6600 Cab, Air-Htr, Auto H H C, 213 Flex Plat	\$23,500
JD 6600 Side Hill, Cab, Air-Htr, 215 Flex Plat	\$30,450
JD 4420 Cab Air-Htr, 213 Flex Plat	\$35,500
JD 6620 Side Hill, Cab Air-Htr, 215 Flex Plat	\$57,500

JD 346 Baler
w/30 Ejector
Reduced
Special
\$3,950

JD 850 MFWD Bar
Tires, Roll Guard,
P. Steering, DSCV
\$8,295

JD 1050 MFWD Turf
PS w/Johnson
Loader 100 Hrs.
\$12,125

MF 205 Dsl. 16 HP
w/216 Loader
\$4,995

IHC Cub Lo Boy 154
w/60" Mower
\$2,795

JD 365 Front Blade, Fits JD 650
Woods RM90 3 pt Rotary Mower
\$895 \$750

Hustler 285
Dual Hydro 20 HP
New Short Block
72" Mower
\$4,495

MISCELLANEOUS

J D 27 Flail Shredder **\$4,695**
Pair 18.4-34 8P Tires/Tubes **\$195**
Cultivator for IHC Super C **\$65**

JDFP Finance Terms-Approved Credit

WAIVER ON NEW JOHN DEERE TRACTORS To Jan 1, 1987

Used Tractors to Oct. 1, 1986

**WAIVER ON NEW JOHN DEERE Grain Combines-June 1, 1987
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WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS To April 1, 1987

1-7000 6 Row cons. planter in stock

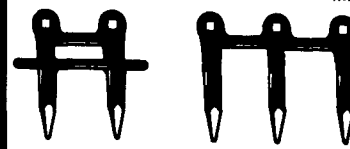
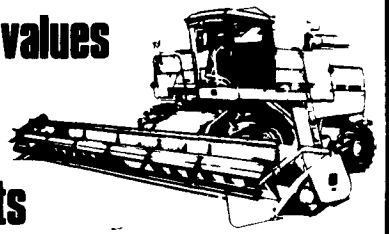
**WAIVER ON JOHN DEERE HAY AND FORAGE EQUIPMENT New-March 1, 1987
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CONFIDENCE IN OUR EQUIPMENT
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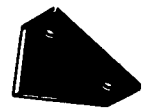


PART NO. H75386
\$4.50

45° SAVINGS

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\$8.10

80° SAVINGS



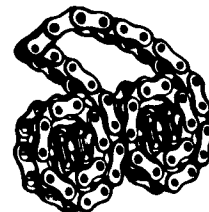
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SECTIONS

PART NO.
H84415

Chrome,
Serrated
80° ea.

CHECK THESE PRICES

ROLLER CHAIN
American Made



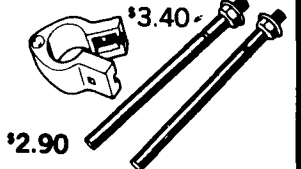
\$2.50 per foot
#60

Replace worn chain before
you start planting. Avoid
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caused by chain breakage

PLATFORM
AUGER FINGERS

PART NO.
AH107066

\$3.40

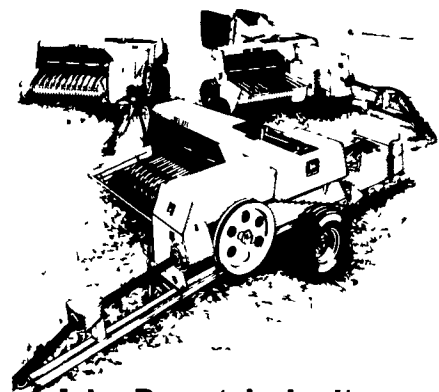


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PART NO. H102724

John Deere field-tested
fingers and bearings are
surface hardened for shock
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SQUARER BALES



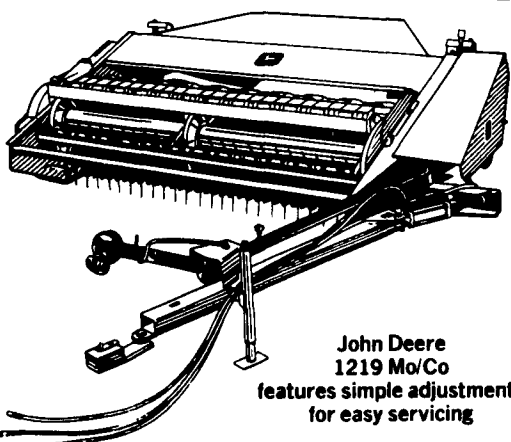
John Deere's baler line
builds squarer, stackable bales

To build solid, square-cornered bales consistently, you need consistent control of the hay. And John Deere's 327, 337 and 347 Balers give that control from the moment hay touches the pickup.

A wide pickup with extra teeth lets these balers take in all the hay in today's wider windrows. There's even a compressor to keep the hay under control.

A floating tapered auger and adjustable feeder forks take over to keep material flowing evenly. The gear-driven knotter puts the finishing touch on these solid, stackable bales from John Deere.

New Balers in Stock For
Immediate Delivery



John Deere
1219 Mo/Co
features simple adjustments
for easy servicing

Different hay crops have varying conditioning requirements. That's why John Deere's 1219 Mower/Conditioner gives you the option of changing roll spacing and pressure in just a few minutes.

When crop conditions call for it simply change the roll spacing to as wide or as narrow as you want. When more or less pressure is needed, just turn the adjusting bolt.

Easy-to-adjust windrow forming shields let you build the type of windrow you want. See the 9-foot 1219 Mo/Co that adapts to your haying conditions.

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 Ford 2110, 500 hrs.
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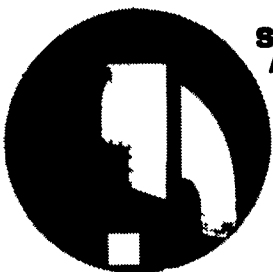
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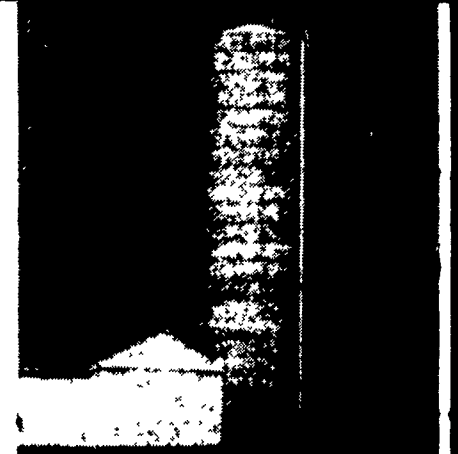
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1

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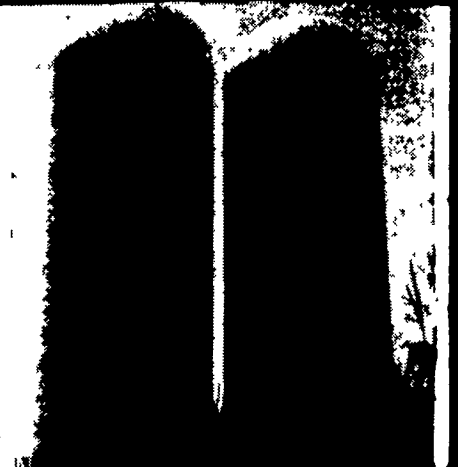
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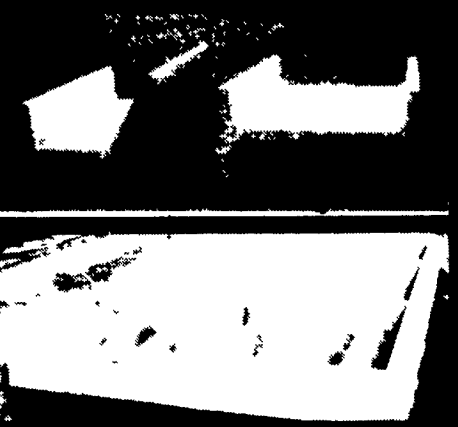
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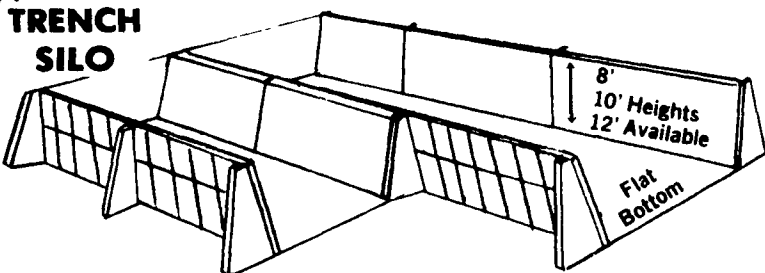
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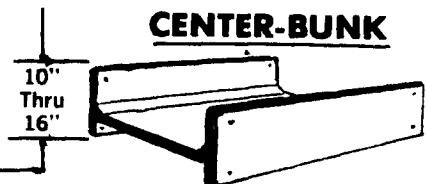


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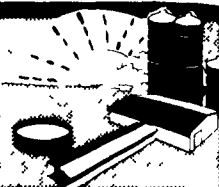


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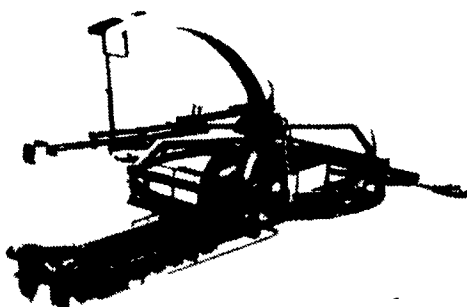
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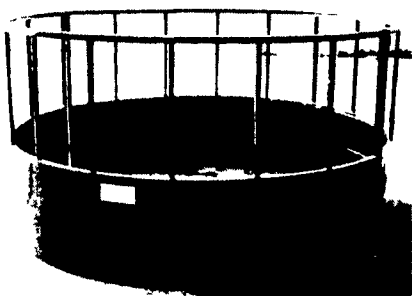
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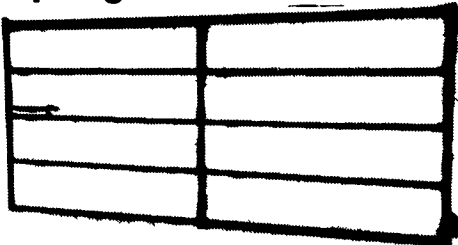
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**Don't Compare These Gates With
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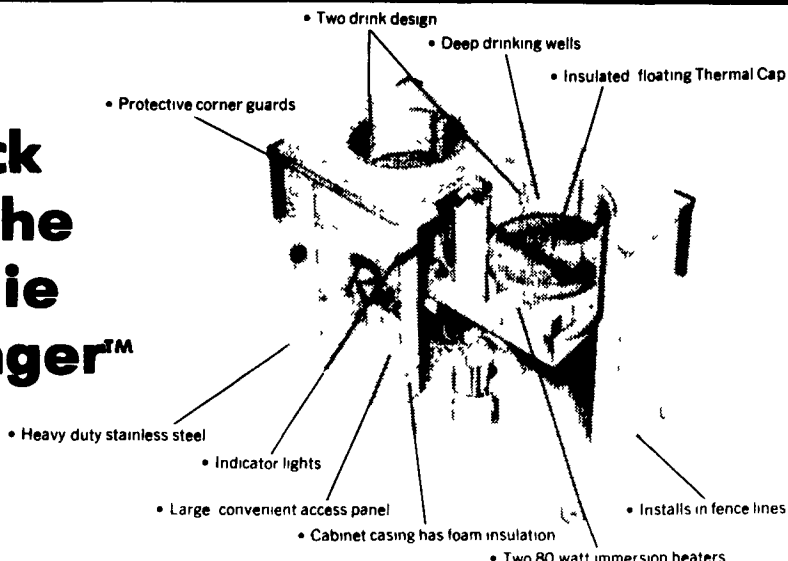
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- One 210 Van Dale Trailer Mixer Feeder, Complete With Scales
- One 210 Stationary Mixer, Complete With Scales
- One Uebler 818 U-Blend Mix Cart With Scales
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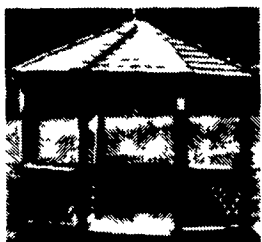
1302 Lancaster Pike, Quarryville, PA 17566
PH: 717-284-3111

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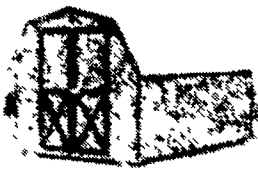
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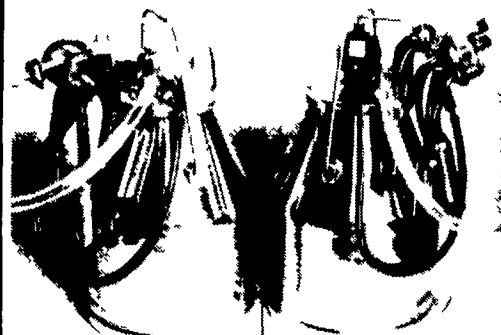
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1000 Gal. Esco

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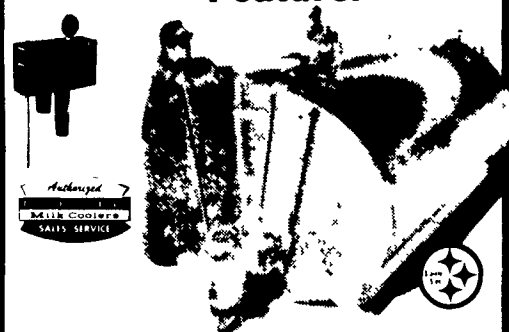


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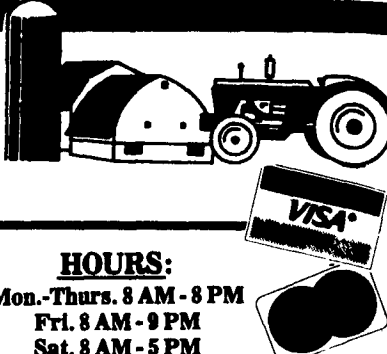
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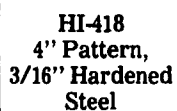
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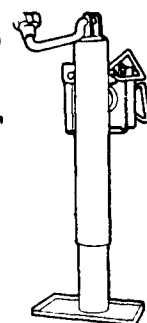
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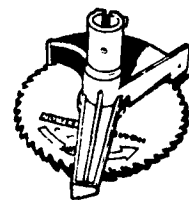
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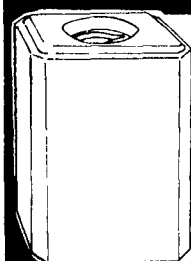
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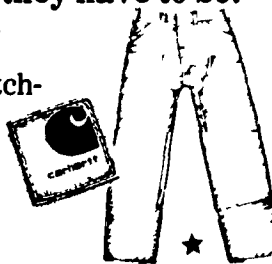
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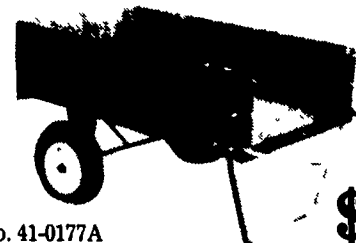


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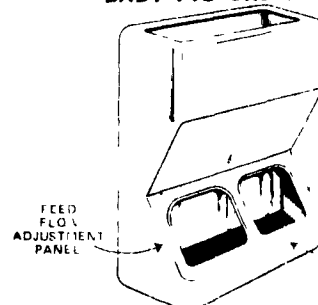
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Why should you use Master Mix SILO-BOOSTER instead of another product? SILO-BOOSTER has been proven in 20 years of on-farm use, as well as in continuous university research. With each new discovery in silage science, we have improved the original formula. Today's SILO-BOOSTER gives the most effective silage inoculant yet developed.

SUMMARY OF RESULTS

Alfalfa Ensiled With And Without SILO-BOOSTER Conducted
At The University Of Minnesota West Central Experiment Station
Morris, Minnesota

Summary Of Haylage Crops

DRY MATTER RECOVERY (1)

	CONTROL	SILO-BOOSTER
Amount D.M. Ensiled, lb.	26,228	30,418
Amount D.M. Removed, lb.	24,432	30,278
Recovery, %	93.2	99.5

(1) Individual loads of fresh forage were weighed before ensiling; after storage, silos were emptied completely at one time.

Composition and pH of Stored Alfalfa Ensiled With and Without SILO BOOSTER.

	CONTROL	SILO-BOOSTER
Dry Matter, %	50.66	54.98
pH	6.33	5.82
Crude Protein, %	23.64	23.45
Ammonia Nitrogen	19.76	14.80
ADIN-N, % of total N	5.76	5.58
ADF, % of D.M.	31.74	30.23
NFD, % of D.M.	42.44	41.88
Lactic Acid, % of D.M.	1.00	.87
Acetic Acid, % of D.M.	.72	.52
Propionic Acid, % of D.M.	.018	.007
Butyric Acid, % of D.M.	.119	.027

Dry matter recovery data from these conventional silos demonstrates a 6.3% difference in feedable alfalfa silage. For each 100 tons of silage, there would be an additional 6.3 tons of silage available for feeding. This is equivalent to 3.5 tons of 90% dry matter hay worth approximately \$350.00. This is a \$3.50 return for each \$1.00 investment in SILO BOOSTER from a reduction in fermentation losses alone.



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Brown Is Beautiful

Red Wing Believes 'Happy Hen' Is Key To Quality Brown Egg Production

BY ROBIN PHILLIPS

Berks Co. Correspondent

FLEETWOOD — Do brown eggs make you smarter? Are they filled with more vitamins and minerals to make you healthier? Are brown eggs better for baking? Do they have tougher shells?

Whether all or none of the above is true, brown eggs from Red Wing Farms are top quality eggs produced and processed by dedicated family members and employees of a family business since 1926.

Owned and operated by R. Gordon Yorgey and Sons, R4, Fleetwood, Red Wing Farms has cornered the brown egg specialty market with a high quality product. "We have always dwelled on a good quality egg," states Mrs. Fern Yorgey, concerning the start of their operation.

When Red Wing Farms began in the early 1920's, Robert and Margaret Yorgey, Gordon Yorgey's parents, maintained a general fruit and vegetable farm, and operated a farm market. Turkeys became a part of the operation in the 1940's, and 20 years later, additional layers came to the farm. In 1963 the first chicken house was built and the JJ Warren Sex Sal Link bird was

chosen because of the high quality brown egg and the calm nature of the bird. As the family grew, and took interest in the business, so did the operation.

Today, Gordon Yorgey knows his birds and oversees the entire operation. With the large acreage farmed, flocks at different locations, and an efficient processing plant, he gives credit to dedicated family members and faithful employees for the success of the operation.

Two longtime secretaries, Betty Price and Carolyn Forlini, oversee the extensive office chores.

Because of their concern for a high quality egg, the Yorgey's employ a quality control person. Carol Adams, with the Yorgey's for over 14 years, monitors processing daily for a consistently high quality egg. She rechecks shells for consistency and cracks, and makes sure eggs are always fresh and dated.

To produce the top quality eggs, the 38,000 hens at Red Wing and the thousands of layers contracted get only the best available feeds. At Red Wing, a nutritionist controls feeding requirements, and the Yorgey's have their own milling system to insure freshness and quality of feed ingredients. They

are careful to use a great amount of corn to maintain a darkly colored yolk in their eggs.

Over 500 acres are farmed by the family, with 75 percent growing corn. The remainder is planted in barley and soybeans. Phil Levan oversees the farming operation that also includes finishing hogs and a liquid manure system.

After eggs are produced and gathered automatically, they are processed immediately and packaged. "We like to see them leaving in a few days," Mark Yorgey, one of the sons in the business, explains. Eggs are stored at 55 degrees F., with 80 degree humidity. The younger Yorgey went on to explain that refrigeration tends to pull moisture out of the egg so they are careful about controlling the humidity in the cooler.

Red Wing Farms wholesales their brown eggs throughout Pennsylvania, New York, Delaware, and New Jersey. Health food stores, restaurants, and farmers markets are major customers and like the high quality and freshness of the brown eggs.

The market is shifting to ungraded eggs though, the Yorgey's explain. Where previously most of their market



Gordon Yorgey (left) explains his egg washing procedure to members of the Berks County Chamber of Commerce during a recent tour of Red Wing Farms.

was custom packaging and delivery, they now sell a great deal to other processors who can cut costs of processing.

R. Gordon and Fern Yorgey have four sons and a daughter. Sons, Mark and Joel are very active in the family business and Andy helps when home from college.

Mark Yorgey, a graduate of the Hussian School of Art, Philadelphia, was instrumental in the development of several lines of advertising that have proved very successful to Red Wing.

Addressing some of the current problems that agriculture faces with the animal welfare people, Mark explains, "believe me, if they (the chickens) were not content, they wouldn't be singing, and they wouldn't be laying eggs." He believes in promoting his product and developed the "Happy Hen" eggs billed as "Grade A Fertile Brown Eggs, hand gathered from free running hens fed natural rations." The Yorgey's maintain some flocks for this line. Another approach Yorgey is developing is "Fancy Free Eggs ... the Natural Way." These will be packaged in boxes of eight

grade A large brown eggs.

"It's been a price erosion for the past 15 years," Mark Yorgey explains, "just too many eggs." He admits that their family has been fortunate to have a high quality brown egg when the market demand is calling for more. "They (the customers) go to these big guys and they do not have the quality," he states about larger competitors.

He would like to get into more research and testing to substantiate many of the beliefs about brown eggs and looks to the future for better markets.

Red Wing Farms also educates the public for a better understanding of their business. The Yorgey family recently hosted over 25 members of the Berks County Chamber of Commerce Board of Directors and the Ag-Business Committee for a nutritional country breakfast and a tour of their farm and plant.

There were many questions as businessmen tried to understand the Yorgey operation, their marketing concerns, and their dedication to a superior product.

"If you want to do a good job, it takes longer," Fern Yorgey sums up.

Lamb and Wool Festival Begins Tuesday

STATE COLLEGE — A record 35 exhibitors will participate in the Pennsylvania Lamb and Wool Festival July 8-10 at the new Ag Arena on the campus of Penn State University.

Coinciding with the popular Central Pennsylvania Arts Festival, the 2nd Annual Lamb and Wool Festival is a "woolly wonderland" spanning 4500 square feet of booths featuring quality lamb and wool related crafts.

Sheepskins, slippers, coats and vests along with unique wool yarns and fleece will be sold. Other specialty items to be unveiled are sheep pottery, glowing oil lamps, casserole dishes to soap dishes, sheepishly silly cards, wrapping paper and stuffed lambs suitable for hugging or display in a prized

corner of the family room.

Creatively-spun and woven "Art to Wear," including shawls, ponchos, vests, shirts, sweaters and jackets are among the featured offerings. In the market for sheepish T-shirts, wind chimes, Christmas tree ornaments or embroidered aprons? The Festival will provide these and other surprises.

In addition to crafts, daily demonstrations will be presented. These include sheepdog demonstrations, sheep trimming and shearing, lamb cookery, wool dyeing, a fleece to shawl exhibition, plus much more.

Lamb recipes tempting the most discriminating taste buds, include shish kebabs, gyros, burgers, roast leg of lamb sandwiches plus beverages and sweets.

A 100 percent wool shawl and sheepskin vest will be raffled. Competition will be held in sheep art, photography, wool crafts and exhibits. A fleece show and sale is also scheduled, offering quality fleeces for the most discriminating spinner. More than \$1,000 is offered in premiums.

The Pennsylvania Lamb Cook-Off Contest, will be featured Thursday, along with a craft auction at noon.

Days and hours for the Festival are Tuesday, July 8 from noon to 7 p.m.; July 9 from 8 a.m. to 8 p.m. and July 10 from 8 a.m. to 3 p.m.

The Penn State Ag Arena is located behind Beaver Stadium at the corner of Fox Hollow Road and East Park Avenue, State College. Admission and parking are free.

York Angus Exhibitor Wins in Dixie



York's Jennifer Calderazzo showed the South that Pennsylvania is beef country when she made the trip to the Eastern Regional Junior Angus Show held in Montgomery, Alabama on June 20-21. Not only did she take top honors in the showmanship contest's junior division, but she exhibited the reserve intermediate champion heifers, as well. Shown with Jennifer and Premier Lass 6257A is show judge Knic Overpeck. Young Angus enthusiasts from 12 states exhibited 154 head of heifers, bulls and steers at this year's show.

LIVESTOCK LATEST



Health Care Workshop Offered

UNIVERSITY PARK — Basic livestock health care is the subject of a practical workshop at Penn State's Circleville Farm July 19 from 10 a.m. to 2 p.m. Saturday, July 19.

The program will emphasize preventive husbandry, minimizing drug use and using alternative therapies for beef and sheep production. Workshop leaders, Dr. Colleen Erbel and Dr. Ron Erskine of the Department of Veterinary Science, will demonstrate a number of preventive measures related to housing, nutrition and pasture practices.

This will be a practical, hands-on workshop and participants should dress for barn and pasture work. All who come are asked to bring a bag lunch; beverages will be provided.

The workshop is free and open to students, faculty, staff and to anyone interested in livestock health care.

The farm is located on Circleville Road between Science Park Road and North Atherton Streets in State College. For more information about the workshop, contact Tim Bowser at the Farm Office at (814) 863-2745.

NAILE Show Dates Set

LOUISVILLE, Ky. — Harold Workman, executive director of the North American International Livestock Exposition (NAILE), has announced that NAILE premium catalogs were mailed July 1. According to Workman, over 10,000 catalogs will be mailed. He said that anyone who does not

receive a catalog should contact the NAILE office at 502/588-3166.

The North American International Livestock Exposition is the largest livestock show in the world.

This year marks the 13th annual NAILE, and dates have been set for November 8-21, 1986.

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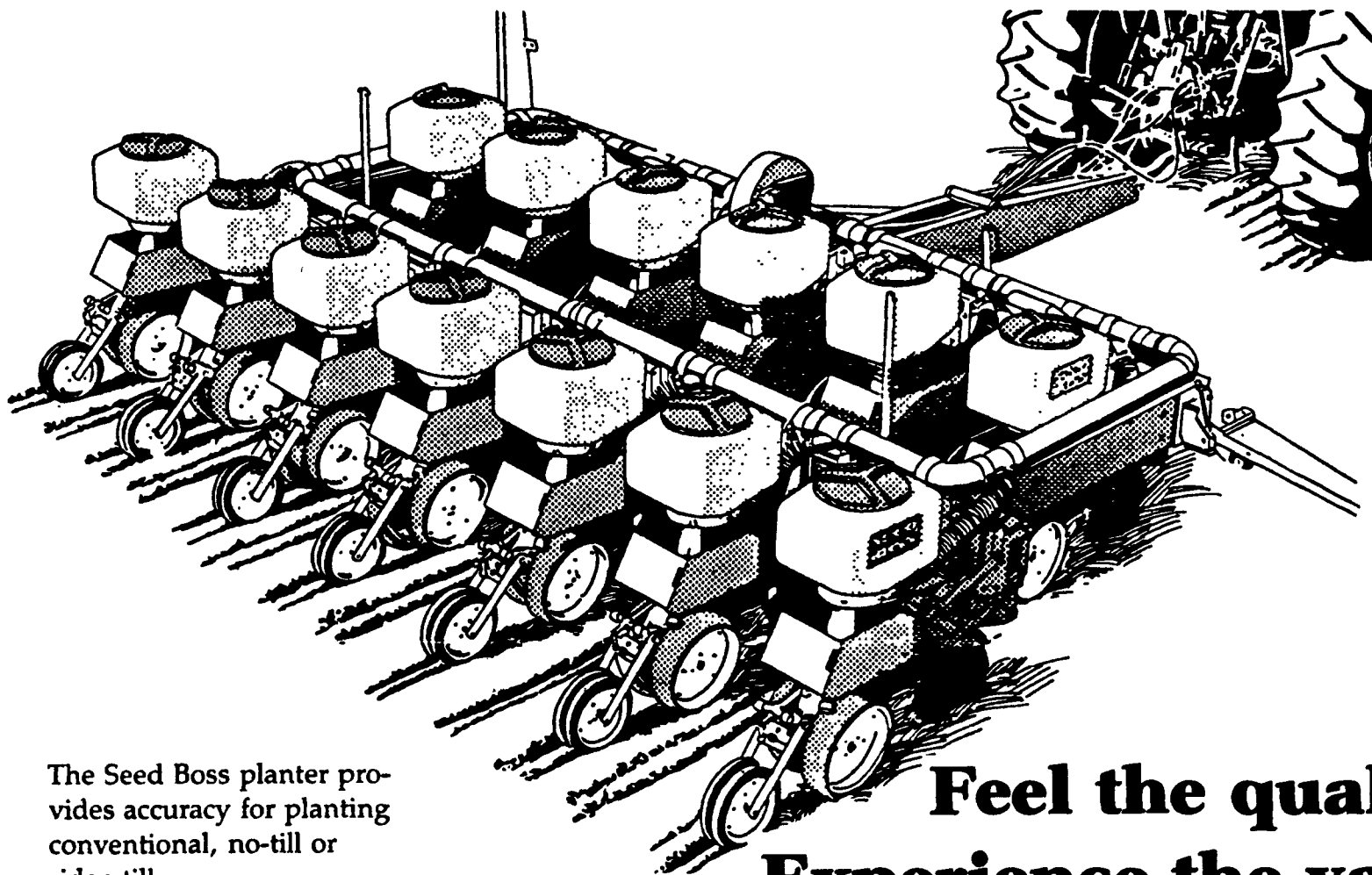
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Protein: Choosing the Right Source for Your Swine Herd

BY RICHARD BARCZEWSKI

University of Delaware
NEWARK, Del. — We in the swine industry are constantly faced with feeding decisions. Some of these decisions involve selecting feed grains and protein supplements to ensure a quality ration at a minimum cost.

Protein is one of the most expensive ingredients in a swine ration (excluding additives and premixes) and warrants some discussion.

First of all, just what is protein? It's an essential component of all animal tissue. Without it, life could not exist. The building blocks of proteins are long chains of amino acids. The order in which these amino acids are linked determines the chemical characteristics of proteins and their function in the body.

Altogether, there are about 20 different amino acids, of which 10 are essential. Each essential amino acid must be present in the

diet in adequate amount for optimum growth and performance. (Hogs can synthesize non-essential amino acids, provided enough nitrogen or other proteins are present.) So when balancing your swine rations for protein content, make sure enough of each essential amino acid is present for top performance.

Lysine is the most commonly deficient amino acid in the grains normally fed to livestock. Corn is low in lysine; soybean oil meal has more. When these two ingredients are mixed, they lysine level should be adequate.

Feedstuffs that contain more than 20 percent protein are generally considered good protein sources. Soybean meal (44 to 50 percent protein) is the major source in swine diets, accounting for more than 85 percent of all the protein supplements used.

Other possible sources include: cottonseed meal (41 percent

protein), rapeseed meal (38 percent), peanut meal (50 percent), fish meal (60 percent), dried skim milk (33 percent), and meat and bone meal (50 percent protein).

Care must be taken to avoid any protein supplement that contains enzymes or compounds that might reduce the pig's performance. For example, raw soybeans contain a trypsin inhibitor that can reduce growth rate. Heating beans to 250 degrees F will destroy this compound and eliminate the problem. Soybean meal has already been through a heating process and can safely be included at up to 20 percent of the ration.

Other supplements with problem compounds are cottonseed meal, which contains gossypol; rapeseed meal, which contains glucosinolates; and peanut meal, which is susceptible to a fungus that can produce aflatoxin. Check your sources to make sure you're getting high quality ingredients that are low in problem com-

pounds.

Now that we've covered some protein sources, how do you choose which ones to buy?

One factor to consider is the amount of supplement you can include in the ration. Soybean meal can make up to 20 percent of the ration without depressing performance. On the other hand, rations can contain up to eight percent cottonseed meal, 10 percent rapeseed meal or 10 percent peanut meal. Fish meal and meat and bone meal should not make up any more than five percent of the ration. Cost usually limits the inclusion of dried milk products.

The most important factor in choosing a protein supplement is cost. When comparing various sources, calculate the per unit cost of protein in each source.

An easy way to do this is by dividing the cost per ton by 20 to get the cost per 100 pounds of supplement. Then divide the cost per 100 pounds by the percent protein in the supplement. This gives you the per-pound cost of protein.

Example: 44 percent soybean meal at a cost of \$200 per ton; \$200 divided by 20 cwt. = \$10 per 100 lbs.; \$10 divided by .44 = 23 cents per pound of protein.

These calculations offer you a method for comparing the protein cost of various supplements. Make sure you periodically check the prices of protein supplements available, since these may vary.

For further information on protein and amino acids for swine, consult PIH-5 in your Pork Industry Handbook.

Angus Assoc. Slates Profits Conference

ST. JOSEPH, Mo. — How to get paid for the extra value that cattlemen breed into beef cattle will be discussed by a wide range of beef cattle producers, feeders, educators and beef marketers at the National Beef Profit Conference set for September 11 and 12 in St. Joseph, Missouri.

Sponsored by the American Angus Association, conference topics will range from how to use performance pedigrees to achieve high predictability in feeder and finished cattle to how to merchandise quality beef for added profit.

Henry Gardiner of Ashland, Kansas, immediate past-president of the Beef Improvement Federation, and registered Angus breeder will keynote the con-

ference. Recognized as one of the top producers of performance seedstock, Gardiner will discuss how he has been able to stack performance pedigrees to achieve high predictability in cattle for all segments of the industry.

This will be followed by a panel of commercial cattle producers from across the country who will tell "How to add profit to a commercial herd by using Sire Evaluation." Panel members are Lynn Ballagh, Burwell, Nebraska; Gray Coyner, Delaplane, Virginia; and Tom Price, Pendleton, Oregon. The panel will be moderated by John Crouch, director of performance programs for the American Angus Association.

The day-and-a-half conference will begin at 1 p.m. Thursday,

September 11, with an open house at the American Angus Association headquarters in St. Joseph, Missouri.

Registration for the conference is \$25 which includes the program plus the Thursday night dinner and coffee breaks. For additional information and hotel reservations, write or telephone the American Angus Association, 3201 Frederick, St. Joseph, Missouri 64501. Telephone 816/233-3101.



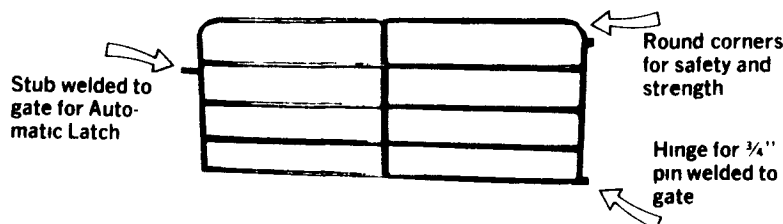
Virginia Sets Sale Record



Virginia's 45th Eastern Stud Ram Sale, held in Fisherville on June 13 and 14, was the largest on record. More than 650 head of Polled Dorsets, Southdowns, Hampshires, Columbias and Suffolks from Maine to New Mexico competed. Pictured are Paul Wissinger and son Ben of Sinking Spring, Pa., prepping their ram for the Dorset show. (Photo by Julie Gochenour)

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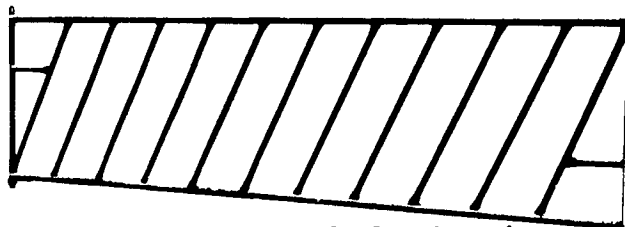
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SINCE 1953

High Tech Farming Reduces Poultry Losses

By Dan H. Palmer
University of Delaware

NEWARK, Del. — As a boy, I can remember when my father would "range" his replacement pullets in the spring of the year. He had small colony houses (12 feet x 12 feet) spread out over 40 or 50 acres. We raised about 4,500 pullets this way each year.

After they reached four to six weeks of age, the young chickens were turned out of the colony houses each morning and allowed to forage freely. Each night they would return to the houses and someone would close and lock the door. This process was repeated every day until the flock was ready for the laying houses.

Along with the many strenuous chores that went with such a

management system was guard duty with a rifle and shotgun. Dogs, foxes, raccoons, skunks and hawks were ever present. Severe, sudden storms were another threat to the young chickens. At times losses to predators and weather were quite high. Sometimes human predators would stop along the road and add to the problem.

High tech farming has solved many of the poultry management problems outlined above, but it's not without critics. Many groups worldwide have expressed concern about the welfare of food animals kept in modern systems. Some of these groups have concerned themselves with animal "rights."

The Council for Agricultural Science and Technology (CAST) is an organization made up of

agricultural scientists with the stated purpose of advancing the understanding and use of food and agricultural science and technology in the public interest by serving as a resource group from which the public and government may seek information on the food and agricultural issues of current concern. CAST has developed an excellent report entitled "Scientific Aspects of the Welfare of Food Animals."

The report focuses on modern methods of managing food animals (including chickens). It does not address the animal rights issue because that has to do with human ethics, not science. The animal rights movement supports the philosophy that animals have certain inherent rights like those

advocated for humans.

Among other things the CAST report points out that modern, intensive poultry production methods embody better nutrition, better control of diseases and parasites, and better protection against predators, extreme temperatures and storms than earlier methods did. Humane care is compatible with most practices and is essential for economic gains in poultry and meat production.

CAST has identified several areas in the poultry industry that need attention. They include monitoring ammonia levels and ventilating to keep these levels low, designing poultry houses and equipment to prevent high mortality in extreme summer heat, and humane disposal of unwanted

baby chicks. However, let's not forget that by today's standards the losses and poor production in poultry operations 40 or 50 years ago would be attributed largely to insufficient attention to the welfare of the birds. By the same standards, birds in modern poultry operations receive far better care than those of the past.



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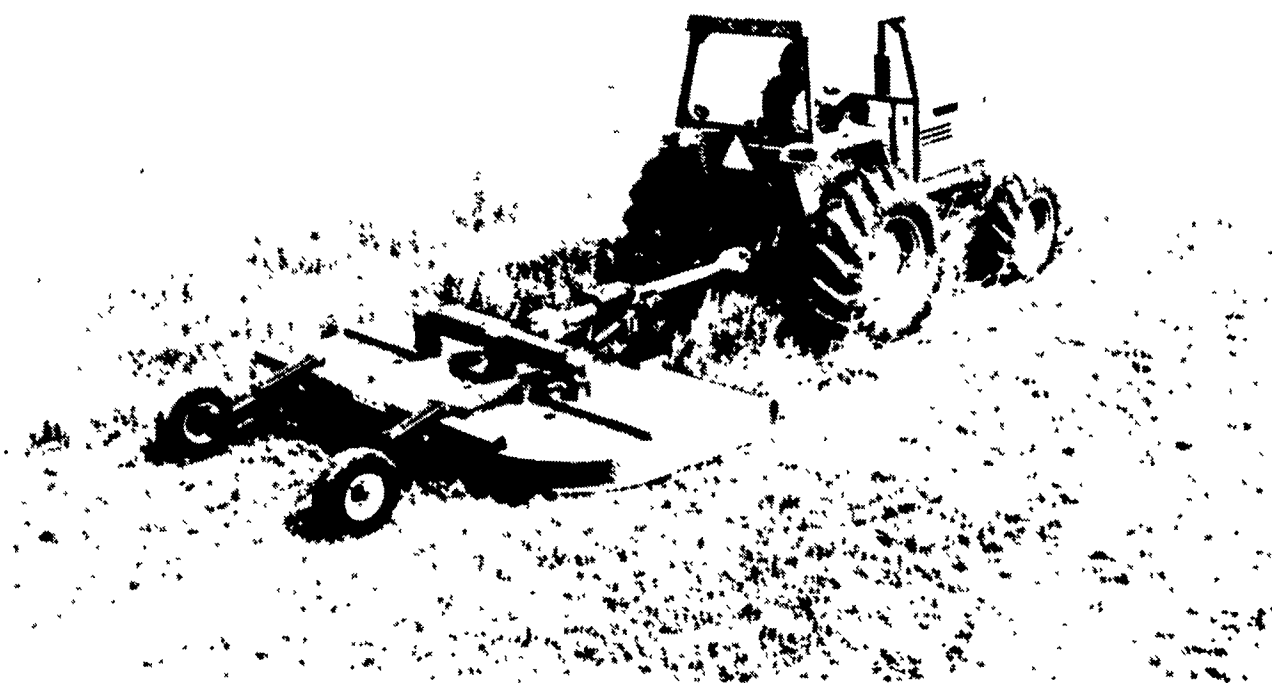
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With a center hitch unit, you can select a self-leveling, pull-type model. You can select a lift model—3 point Category II & III standard and quick hitch. Or you can select the economical Cat. II & III semi-mount model.

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Construction is Bush Hog tough. Frames are box steel with extra clean deck design to inhibit trash and water build-up problems. Rubber-cushioned axles provide excellent shock load protection when operating on rough terrain. Drivelines are fully shielded for operator protection. You can rely on these new models for dependability, durability and outstanding field performance.



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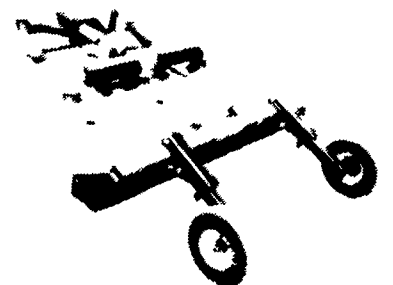
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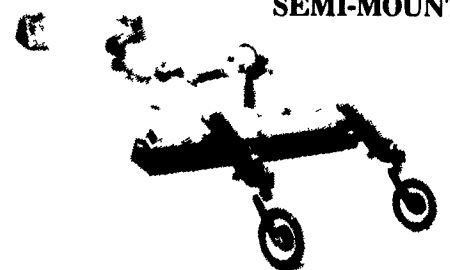
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BUSINESS NEWS...



The narrower width of Kubota's L4150 DTN gives it greater maneuverability in tight quarters.

Kubota Expands Tractor Line By Narrowing Width

COMPTON, Calif. — Kubota Tractor Corporation has recently introduced the L4150 DTN, five cylinder, four-wheel-drive, diesel-powered tractor designed specially for narrower crop rows. This mid-sized L-Series model features a 142 cubic-inch, 50 horsepower (40 PTO Hp) engine.

The L4150 DTN has eight forward and eight reverse speeds, and a partially synchronized mechanical 8 x 8 transmission is standard.

The decreased overall width (52 inches) allows for greater maneuverability in tight spaces such as narrow rows or livestock

confinements. Applications for the L4150 DTN model include vineyards, farming, park and grounds maintenance, landscaping, utility and nursery work. Kubota also offers a compatible implement specific to each type of task.

Standard safety features include a safety start switch, parking brake and an electric key shut off, ROPS and seatbelts.

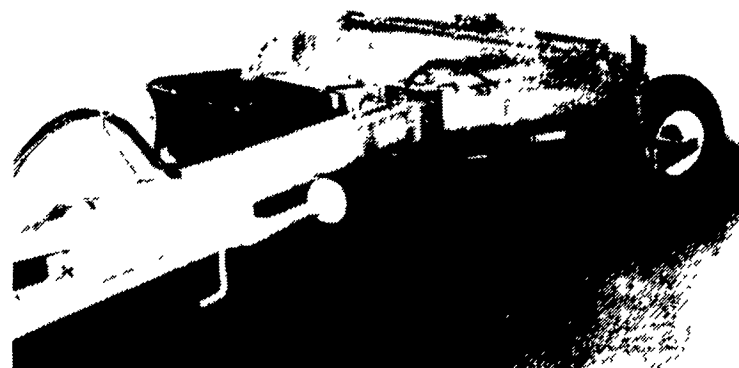
For more information about these tractors, or other Kubota products, please contact Kubota Tractor Corporation at 550 W. Artesia Boulevard, Compton, CA 90220.

Hesston Offers 3 New Mower-Conditioners

HESSTON, Kan. — Hesston Corporation has extended its line of rotary disc mower-conditioners with the introduction of three models. The new Models 1040, 1050 and 1060 join the Model 1030 to increase Hesston's offering in this rapidly growing market segment.

The Model 1040 has a seven-foot, six-inch cutting width and is capable of cutting up to six acres per hour. The Model 1050 can cut up to seven acres per hour and has a nine-foot cutting width. The big Model 1060 has a ten-foot, six-inch cutting width and is capable of cutting up to eight acres per hour. Cutting speed depends on crop and conditions, Schaible noted.

All Hesston Rotary Disc Mower-Conditioners feature full-width conditioner rolls, which are adjustable to fit different crop conditions. Hesston's conditioning rolls help shorten crop drying



One of three new rotary mower-conditioners from Hesston, the model 1050 has a nine-foot cutting width.

time. Hydraulic tongues allow for a smooth transition from road to field position and wide-angle drive lines help insure smooth operation

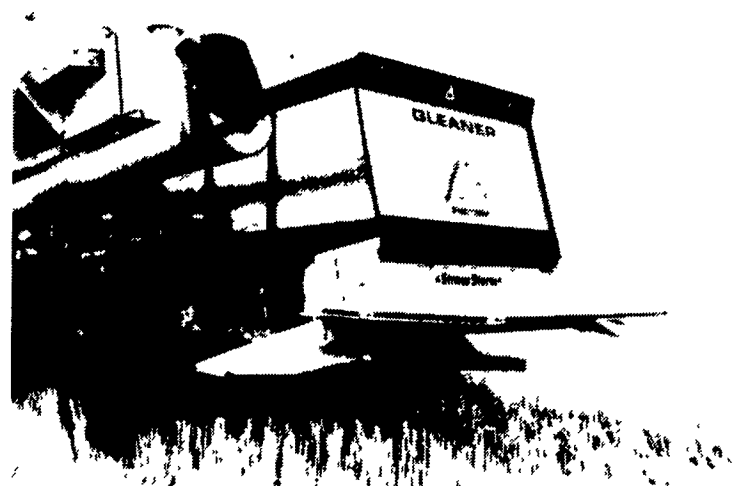
on turns. Like all Hesston mower-conditioners, the new models can quickly and easily be converted from windrowing to swathing.

Gehl Attachments Distribute Residue

WEST BEND, Wisc. — Gehl Company's new Straw Storm and Chaff Storm combine attachments are designed to evenly distribute crop residue as it leaves the combine.

"Bigger combines can leave bigger problems with concentrations of straw and chaff or corn cobs," states product manager Terry LeFever. "The problem is especially acute where crops are double-windrowed before combining. Heavy doses of decomposing trash use up too much nitrogen. In fact, heavy concentrations of some chaff, such as flax, can temporarily poison the soil. Straw Storm can be adjusted to chop and spread that residue across widths from under 25 feet to over 55 feet. And it spreads evenly."

According to LeFever, "Straw Storm helps ensure uniform seed penetration by no-till drills and other planting equipment. And it also protects valuable top soil from wind and water erosion."



Gehl's Straw Storm helps to eliminate heavy strips of residue that can hinder next year's crop development.

Straw Storm models are made to fit large combines including Case-IH, John Deere, Deutz-Allis, Massey Ferguson and Ford-New Holland models. The unit fits underneath the normal discharge area and is powered by the combine's drive pulley.

The Chaff Storm unit attaches in front of conventional choppers or spreaders and handles all residue coming off the chaffer shoe on many John Deere, Massey Ferguson and Deutz-Allis combines.

Farm Credit Names 2 To Board

WASHINGTON — Frank W. Naylor, Jr., and Marvin R. Duncan have been formally sworn in as members of the Farm Credit Administration Board. At ceremonies held here June 16, Secretary of the Treasury James A. Baker, III, administered the oath of office.

The two were appointed by President Reagan and confirmed by the Senate May 21. The President designated Naylor chairman and chief executive officer. A third member is yet to be named.

The board is responsible for approving necessary rules and regulations to implement the

Farm Credit Act of 1971, as amended, and providing for the examination and general regulation of the institutions of the nationwide Farm Credit System, which have \$64.8 billion in loans outstanding.

Naylor has been Under Secretary of Agriculture for Small Community and Rural Development since May 20, 1981, and served as Acting Secretary of Agriculture for several weeks. As under secretary, he exercised general supervision over the Farmers Home Administration, Federal Crop Insurance Corporation, Office of Rural Development Policy, and Rural Electrification Administration,

which includes the Rural Telephone Bank.

Duncan joined the Farm Credit Administration on Aug. 12, 1985, as senior deputy governor, responsible for strategic planning and assisting in representing the agency to the Administration, the Congress, the Farm Credit System, the financial community, and the public.

The Farm Credit Administration Board was created by the Farm Credit Amendments Act of 1985, which abolished the 13-member, part-time Federal Farm Credit Board and the position of Governor of the Farm Credit Administration.



York Farm Credit Names Loan Officer

YORK — Thomas W. Earp has been named to the position of Senior Loan Officer for the York Farm Credit Service, according to James K. Sigler, Branch Manager.

Earp, a native of Mifflin County, was previously employed by PFA-Farm Management Services, where he provided farm management and accounting service to 115 farmers. In addition, he held the position of vo-ag instructor at Dover Area High Schools and served as advisor to the Dover Young Farmers. Earp received his BS Degree in Ag Education from Penn State University.

Farm Credit is a nationwide credit cooperative which lends money to farmers, farm related businesses, and rural home owners. The York Farm Credit Service is part of the Baltimore District, one of twelve districts

throughout the United States and Puerto Rico.



Thomas Earp

Computers Aid Proper Chemical Application

MOLINE, Ill. — Farmers are using tractor-mounted computers and radar sensing units and displays to measure how fast tractors move, and that improves both tractor performance and the efficiency of field operations. This space-age technology helps tractors cope with the conditions in which they operate.

Automobiles travel on solid surfaces, like paved highways, so their tires don't slip. But tractors operate in fields, on loose soils, where there is less traction. The wheels spin, or slip.

John Deere's new line of tractor Performance Trak monitors utilizes a radar unit mounted on the underside of the tractor frame. It works like the radar highway

patrolmen use. The major difference is that the highway patrolman is sitting still and the radar measures the speed of the approaching car. On the tractor, the radar unit is moving along with the tractor, and it reads the speed at which the field passes below.

This accurate speed measurement is important in such farm operations as applying agricultural chemicals. The amount applied to a given area is a function of the amount of chemical going through the sprayer nozzles and the speed of the tractor. If the amount of chemical sprayed through the nozzle remains constant but the tractor is moving too slowly, too much chemical will be applied; wasting expensive

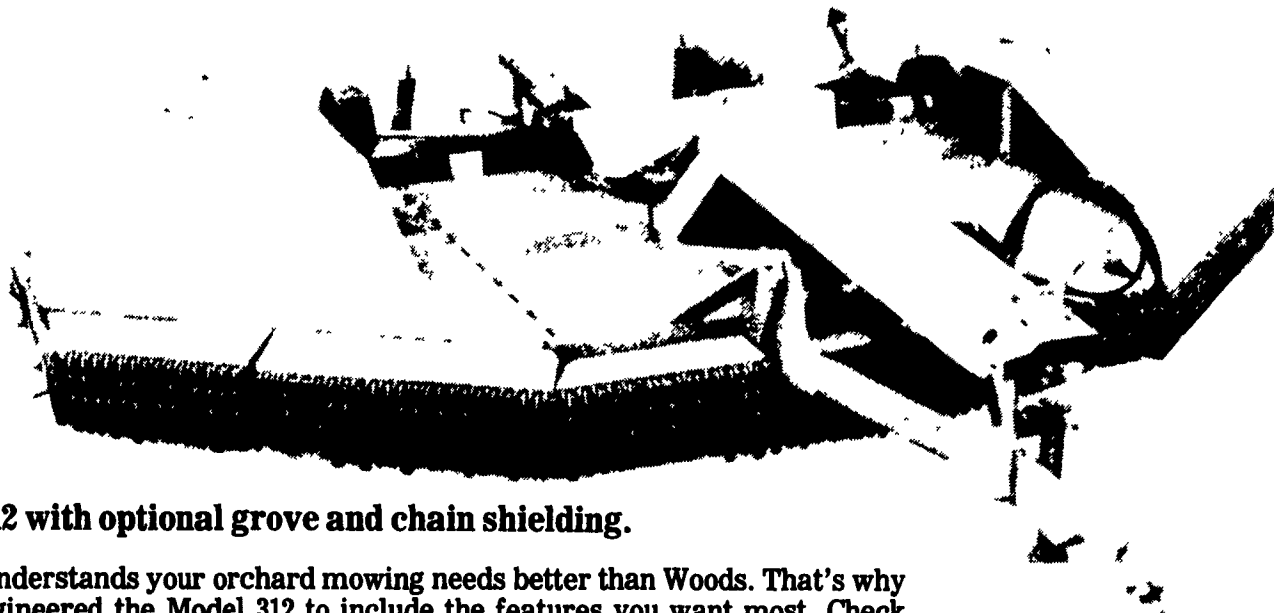
chemicals and perhaps hurting yield. If the amount remains constant and the tractor is moving too fast, inadequate amounts will be applied and control of weeds or insects may suffer.

The new John Deere Performance Trak monitors can also be programmed by inputting the width of the implement or sprayer boom. They will then tell the operator how much area he has worked and can convert this to area worked per hour.

It will also measure and report wheel slip, telling the operator to add or reduce weight to achieve the best efficiency, from the standpoint of the fuel consumed per acre of work.

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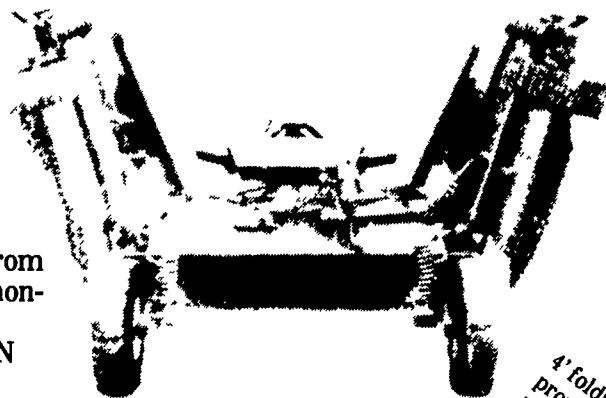
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Pesticide Restrictions Bug Delaware Water Gap Farmers

BY ED SHAMY

Special to Lancaster Farming
BUSHKILL — A property owner interested in and knowledgeable about farming can be the best landlord for farmers who cultivate rented fields. But when that landlord happens to be the federal government, the task of tending crops can be a problem as a small group of northeastern Pennsylvania and northwestern New Jersey farmers are quickly learning.

The 14 growers lease about 3,000 acres of cropland in the sprawling Delaware Water Gap National Recreation Area that spreads from the Pocono Plateau in Pennsylvania to the Kittatinny Ridge in New Jersey.

They sow corn and small grains, hay, fruits and vegetables, most of it on rich bottomland that flanks the Delaware River and muscles the imposing mountains away from the river banks.

The property was first purchased by the U.S. Army Corps of Engineers in the late 1960s and early 1970s for the proposed Tocks Island Dam, which would have blocked the Delaware and created a vast reservoir to supply the region with drinking water.

Plans for the reservoir were dropped after stiff opposition from environmentalists, but the federal government kept the land, which includes the Delaware Water Gap, and created the national recreation area.

The farmers, who compete in a bidding process for the right to rent the land and five-year leases, have had to adjust to ways of the federal government.

They are bound to implement the recommendations of the Soil Conservation Service. They cannot remove hedgegrows, no matter how bothersome the field breaks may be. They cannot remove timber adjoining the fields for firewood or fence posts. And they must agree to mow areas within the park set aside to lure wildlife.

But perhaps the most problematical of the strings attached to the federal contracts are the restrictions placed on pesticide uses. Unlike their counterparts on private lands, the farmers in the national recreation area are not free to apply pesticides without first requesting permission from the National Park Service and its parent agency, the U.S. Department of the Interior.

Traditionally, the growers have compiled a list of the pesticides they believe they will need before the growing season begins, usually in December or January, according to Elizabeth Johnson, a natural resource specialist at the Water Gap Recreation Area. The lists of chemicals are sent to Washington, D.C., usually approved by officials there, and then permission is granted for their use.

Tightened Regulations

But the park service last year began to enforce one of its own

rules that requires the government itself and anyone leasing the public lands to implement integrated pest management systems or sacrifice the use of many pesticides. Integrated pest management systems rely heavily on monitoring crops for a wide array of damages, and applying pesticides only when certain damage levels are reached and even then only sparingly.

The applications from the Water Gap area did not bear up under the scrutiny of the federal officials, who noted that farmers were basing their pesticide applications on past-use history and not on the current information being compiled through close observations of the weeds, insects and diseases affecting their crops. As a result, some of the chemicals that once were easily approved, including those that can control broadleaf weeds and other, more serious plant pests, have been placed off

limits to the farmers.

The solution to the problem seems easy to some of the growers, who this season are being forced to do without faithful weed killers they relied upon in the past.

John Michaels of Smithfield Township, Monroe County, lives near the 500 acres he uses to grow cash grains and feed for his horses. He says he has always walked the fields, checking them for damage and only applying chemicals when he is certain they are needed. Still, Michaels and other farmers like him may not keep the written records the federal government wants to see before it approves pesticides for use in the 70,000-acre park.

And others are not as lucky.

The recreation area covers parts of Northampton, Monroe, and Pike counties in Pennsylvania, and Warren and Sussex counties in New Jersey, and the park service has, by attribution, reduced the

number of people actually living within the parklands. There remains only a handful of residents, all of them renting the homes they once owned from the federal government.

As a result, most of the farmers leasing the bottomlands do not live as close to the fields they are tilling as does Michaels, and they cannot invest the necessary time to walk their fields. Some, said Elizabeth Johnson, lives as far away as Wayne County, Pa. They haul their field implements and tractors to the leased lands in May, plant corn and do not return until it is time to harvest in October.

A Possible Solution

Area agriculture officials are trying to help. Paul Craig, Monroe County's cooperative extension agent, is pushing for the creation of a crop management association that would hire a scout to do the field observations, keep the

(Turn to Page D10)

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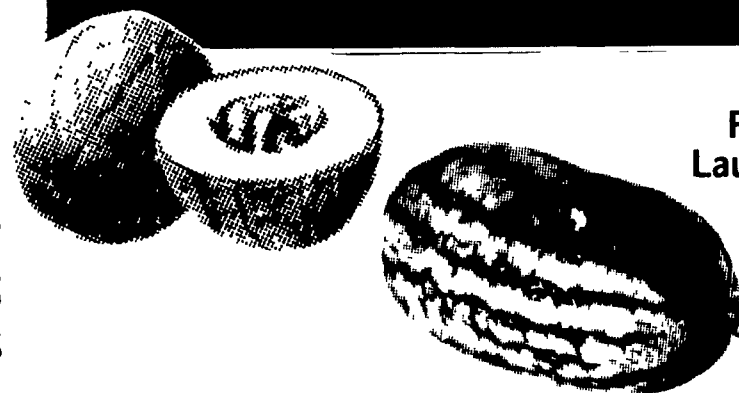
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Summer Grain Storage Requires Management

UNIVERSITY PARK — Many corn producers involved with the federal acreage reduction program will face storing shelled corn through the summer for the first time. Although grain producers usually have sold their crops by this time of the year, many of those in the USDA program agreed to store the corn until autumn.

"Producers who have never stored grain through the summer need to know that grain management requires some action," says Jon Carson, assistant

professor of agricultural engineering at The Pennsylvania State University.

Carson says that producers should maintain grain corn temperature within 15 to 20 degrees F of the daily average outdoor air temperature. The rule of thumb is that grain should be warmed as the ambient temperature increases. "If the grain maintains a significantly cooler temperature than the surrounding air," he explains, "there is a risk of spoilage from a moisture imbalance."

Grain temperature can be controlled in the grain bins with drying or aeration fans. Start moving air with the fans when the average daily air temperature is 10-15 degrees above the grain temperature. Run the fans continuously until the warming front has moved through the grain. The front can be detected by measuring the temperature of the air exiting the grain.

The amount of time required to warm the grain will depend on the fan capacity available. If the storage has one cfm (cubic feet per

minute) of fan capacity per bushel of grain, it should take approximately 12 hours to warm the grain. Capacity of 1/10 cfm per bushel should take 120 hours.

However, Carson warns producers not to warm the grain to high summer temperatures. "Try to stop warm-up at grain temperatures of 50 to 60 F. If the grain is warmed more than necessary it will overdry and the weight available for sale will be reduced." The moisture content of the corn need only be reduced to 13 to 14 percent to minimize the risk of spoilage.

Carson recommends checking the grain weekly to detect any potential problems by pushing your arm full length into the grain to grab a sample. Check for warm spots and then smell the exhaust air from the fans to check for musty odors. To check quality, remove a sample from the bottom of the bin using the unloading auger. If there are any signs of excess moisture or heating, run the fans continuously until the symptoms cannot be detected.

When working with stored grain corn, always be careful around grain handling equipment. Never enter a bin where grain is flowing.

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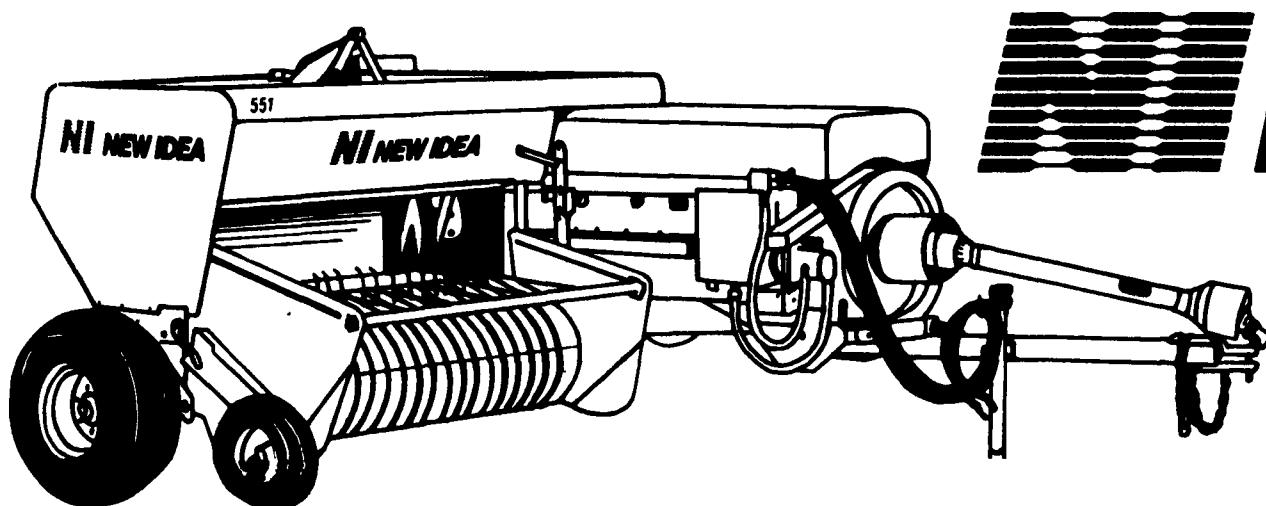
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Del. Water Gap Farmers

(Continued from Page D8)

records and make life easier for the farmers when they apply to the park service for a permit to use pesticides. He has met with mixed emotions.

Michaels doesn't like the idea, because it would cost him about \$4 per acre for work he says he is already doing.

The per-acre fee would help pay for the full-time scout, said Craig. "They (the park service) are looking for somebody to say, 'Yes, these farmers need to use these products,'" he said.

The out-of-town growers like the idea, and have spoken in favor at meetings held to discuss the possible creation of the crop management association. Others, though, are not jumping at the idea.

"We don't really have anybody chomping at the bit here," reported Fred Suffian, Monroe County's soil conservationist who has been involved in trying to pull together the association. "It means change, the farmers aren't always anxious to change the things they've been doing for a long time. They're a little bit gunshy."

The park service, said Johnson, supports the idea of a crop management association, but will not require growers to join the group.

The control of pesticides is critical within the recreation area, a popular spot for vacationers and visitors from the New York and Philadelphia metropolitan areas

that are two hours away. When the U.S. Congress created the recreation area, it clearly stated that the primary purpose was to provide citizens with a place to enjoy outdoor activities. Visitors are free to traipse wherever they want within the park's boundaries, including on land that is being farmed.

Michaels said that fishermen sometimes dig through his plowed fields in search of worms, and hikers occasionally pick ears of field corn, thinking they will be sweet corn ideal for the family picnic.

Johnson said the park service is most concerned with how the visitors can come in close contact with potentially lethal pesticides. Farming is not a priority use within the recreation area, as established by Congress, and is done because it has historical significance.

Farming Plus Recreation

Michaels' family has been farming the land since before the Revolutionary War, and while the park service doesn't have any plans to restrict farming in the area — in fact some lands that have been identified as former farm plots are being returned to production — it does have an interest in making farming and outdoor recreation co-exist without harm to either, said Johnson.

There was talk of getting the Water Gap farmers to join the nearby Lehigh Valley Crop Management Association that was formed last year by growers in Northampton and Lehigh counties,

outside of the federal land boundaries. The association weathered a rough first year and lost some members because of problems with the scouting system, said Clarence Fehnel, the treasurer of the association who runs a Northampton County dairy farm in Palmer Township.

Fehnel considers the \$4-per-acre fee an investment. He knows he should watch his crops closely, but doesn't always have the time, and a missed opportunity can lead to great drops in crop yields. Likewise, said Fehnel, he doesn't need the added expense of applying a pesticide if he doesn't really need it.

But there are problems with the Water Gap farmers joining the Lehigh Valley Association's 12 members and 2,800 acres. The area covered would be so vast, stretching from Lehigh County at Macungie to Milford, nearly 100 miles away in Pike County, that some have doubts about the effectiveness of a scout asked to cover such a huge territory.

Craig, a former scout himself, plans to keep up the struggle, to convince farmers within the federal lands to create an association. He is being helped by his Warren County, N.J. counterpart, Extension Agent Everett Chamberlain, and by Tim Dunn, a soil conservationist in Warren County who has been involved in

drawing up conservation and crop rotation plans for Water Gap farmers.

The 1986 growing season is too far advanced for a crop management association to help much now, Craig concedes, but he is hopeful that he can create a group, probably incorporating

farmers from surrounding, private lands, by next year.

It doesn't appear as though the National Park Service is going to back down its stance on controlling pesticide use on its lands, and farming will only get more difficult — with fewer important chemicals permitted — without some action by the renters.

Sportsmen To Campaign for Acid Rain Controls

HARRISBURG — Citizens for Conservation Action (CCA), a project of the Pennsylvania Federation of Sportsmen's Clubs Inc., will be visiting counties across the state to increase public awareness of the acid rain problem and to gain support in the way of petition signatures, letters to local congressmen, and contributions to continue the statewide effort to enact acid rain legislation.

Citizens for Conservation Action's goals are to develop grassroots support and participation to enact strong legislation which will reduce sulfur dioxide and nitrous oxide emissions by about 50 percent.

In 1985 Pennsylvania recorded the most acidic rain of any state for the third year in a row. Work on acid rain legislation is especially

timely since there is legislation pending at both federal and state levels.

CCA will also work on other legislative priorities of the PFSC, such as a state Bottle Bill, in the coming year.

For further information contact the Pennsylvania Federation of Sportsmen's Clubs at 2426 North Second Street, Harrisburg, PA 17110. Telephone: (717) 232-3480.

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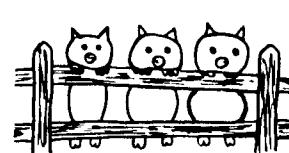
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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Balancing the Budget On The Backs of Babes

Most people have heard something about the vaunted new tax bill as proposed by the Senate Finance Committee. Some of you have been concerned how you would fare under its rules. Many of you have heard about the controversy over the IRA. A few have expressed concern about the discontinuance of such items as "income averaging", "long term capital gains preference", "sales tax use for itemizing," and "investment credit". Few middle class people have actually complained about any of these because

they all figured the rich would finally be forced to pay their own fair share. Right?

One item that few media people and even fewer politicians have mentioned is that all dependent children with bank accounts may now be subject to filing a federal tax return. If a dependent child (no matter what age) has interest plus dividends plus capital gains in excess of \$100, that child will have to file a return and pay a tax of 15 percent of that amount. Dependent children will not be allowed to claim a personal exemption or use

the standard deduction for so called unearned income (interest, dividends, rent, capital gains). This means they will be considered to be a different class of citizens than adults.

How much will this affect the rich? The answer is, probably not much, if at all. Why? The rich will simply move all of their children's money into tax free bonds, trusts, or overseas. Who will bear the brunt of this rule? Primarily the middle class family that is interested in teaching its children to save for education, a future business, or a start up in the adult world.

In the past, families with children who had a bank account earning interest did not worry about the Federal income tax for those children. If the new tax bill passes with this provision intact, there will be a lot of children who will be receiving tax bills from Uncle Sam. As I said many months ago, whenever the people in Congress say they are going to simplify the tax laws, I shudder, because I know that the simplification will usually wind up causing most middle class people extra time, additional effort, and

more money. This one will be no different.

For those of you with dependent parents, it appears as though the same rule will be in effect. The proposed law simply says "the personal exemption is not allowed to an individual who is eligible to be claimed as a dependent on another taxpayer's return."

Do not confuse this rule with another one along the same line. The second rule says that interest income (or any other unearned income) from a gift given by parents to children under age 14 will be taxed as the parent's rate. According to some experts this would include all interest or other earnings on custodial and trustee accounts, with a parent as custodian or trustee, whether the money was gifted by the parents or not.

Alternative Maximum Tax

Recently I read an article in a local paper that stated emphatically "Alternative Minimum Tax" only affects the very rich. That should make the older couple

who sold their farm at a \$60,000 profit smile a bit. Actually "Alternative Minimum Tax" can affect anyone who has income (before deductions or exemptions) over \$40,000 (for married people filing jointly) from any source. That includes the total gain from a capital sale, not just the allowable 40 percent. The new tax law promises to make this more inclusive. That may mean a lower threshold or may mean more items will be covered. It will mean that, according to the new law, the middle income people will continue to get the short end of the stick when it comes to paying taxes.

Incorporation Under The New Tax Law

Incorporation of small businesses will look more practical under the new law, especially if the business is fairly profitable. Tax rates for businesses appear to break at a higher rate than for individuals. Once the laws are in place, there will have to be a lot of study to determine the most favorable practice.

Christmas Tree Growers to Discuss Marketing Program

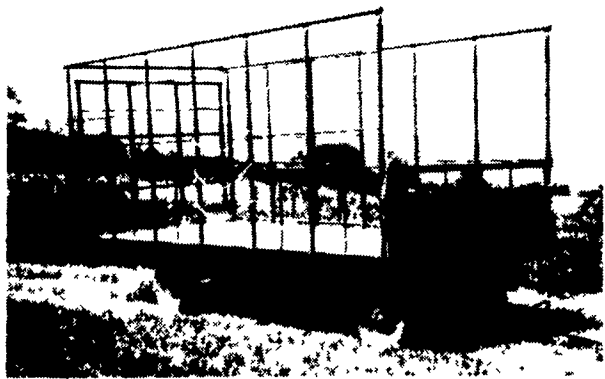
HARRISBURG — The Pennsylvania Christmas Tree Growers' Association is calling for a referendum on a marketing program to provide funds for research and promotional activities.

The proposed assessment of 10 cents per tree on all trees har-

vested and sold would provide an annual fund of \$150,000 for marketing activities. The program would be guided by an advisory board of tree producers.

A public hearing on the proposal will be held at 11 a.m., July 21, in Room 309 of the Agriculture Building in Harrisburg.

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35LR1	35 000	105 000	55	120/240	150	1	3	580	600
45LR1	45 000	135 000	70	120/240	175	1	3	670	730
55LR1	55 000	165 000	86	120/240	225	1	3	730	750
85LR1	85 000	255 000	130	120/240	350	1	3	795	860

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Pennsylvania Dairy Herd Improvement Association

Lancaster County DHIA Monthly Report

May, 1986

A Registered Holstein cow owned by Wilmer R. Martin, R #1, Stevens completed the highest 305 day lactation Bobbin produced 32,154 lbs. of milk, 1,044 lbs. of butterfat with a 3.2% test. Second high lactation was completed by a Holstein cow owned by Weaver Homestead Farm, R #1, New Holland 78 produced 24,498 lbs. of milk, 1,041 lbs. of butterfat with a 4.2% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 770 OR MORE LBS. OF BUTTERFAT

Wilmer R. Martin					
Bobbin	RH	6-4	305	32,154	3.2 1044
Julia	RH	4-9	305	26,973	3.2 859
Luella	RH	5-10	305	22,083	3.7 825
Gretel	RH	4-7	305	22,621	3.6 815
Gretchen	RH	3-7	305	20,417	3.8 775
Weaver Homestead Farm					
78	GrH	4-1	305	24,498	4.2 1041
39	RH	3-3	305	24,723	3.9 963
69	GrH	5-5	305	24,082	3.4 820
43	GrH	6-10	305	23,281	3.4 797
Paul H. Martin					
Emily	RH	6-2	305	28,582	3.6 1033

Irene Birdie	RH	6-8	305	21,091	4.1 870
John & Barb Brubaker	RH	6-9	305	26,048	3.0 782
Joyce 20	RH	5-7	305	30,108	3.4 1031
Lucy 75	RH	5-5	305	26,049	3.4 891
Verna 71	RH	3-5	305	22,243	3.8 840
Pammy 62	RH	6-11	305	27,076	3.0 801
Joseph C. Wivell					
Faith	RH	4-5	305	27,098	3.8 1020
Winnie	RH	4-9	305	22,896	3.8 877
Abigail	RH	5-7	305	18,146	4.5 823
Sandra	RH	4-5	305	19,785	4.1 806
Daniel M. King					
Erma	RH	5-10	305	28,385	3.6 1016
Queen	RH	5-4	300	23,180	3.9 910
Nelson H. Wenger					
Christy	RH	4-5	305	21,706	4.6 996
Lori	RH	5-8	305	21,245	3.9 831
H. Landis Weaver					
Lurline	RH	6-6	305	24,548	4.0 987
Ladyluc	RH	4-8	305	17,856	4.4 787
Kenneth L. Beiler					
Anita	RH	5-10	305	30,870	3.2 975
Angie 74	RH	4-7	305	23,572	3.4 810
John S. Zimmerman					
55	GrH	6-4	305	23,354	4.1 967
36	GrH	3-6	305	22,114	3.5 768
Fred Crider					
Candy	RG	5-0	305	18,504	5.2 956
John U. Glick					
Fern	RH	3-8	305	20,785	4.6 955
Burnell W. Nolt					
18	RH	7-10	305	23,350	4.1 948

Edgefield Farms					
Lucky	RH	7-5	305	26,847	3.5 937
Glenn F. Shenk					
Gilda	RH	4-0	305	25,687	3.6 934
Connie	RH	4-5	305	24,038	3.4 819
Dancer	GrH	7-3	305	24,517	3.3 813
Nelson W. Nolt					
127	RH	4-0	305	17,782	5.2 930
74	RH	6-10	305	25,544	3.5 889
125	RH	4-1	305	22,574	3.9 876
59	RH	7-11	305	19,761	4.1 814
148	RH	2-11	305	19,724	4.0 795
80	RH	6-9	305	20,318	3.8 782
126	RH	4-1	305	20,175	3.8 771
Marbro Farm					
Sheba	RH	5-11	305	21,687	4.3 928
Lady	RH	7-11	305	22,372	3.9 862
Betsy	RH	5-9	305	21,136	4.1 859
J. Mowery Frey Jr.					
Jackie	RH	4-11	305	20,812	4.4 922
Conestoga Farms					
Eve	RH	3-3	305	22,348	4.1 918
Daisy	RH	4-10	305	21,473	3.8 808
Babe	RH	4-4	305	20,958	3.8 806
Agnes	RH	3-5	305	20,302	3.8 776
Fertrell Farm					
52	RH	4-8	305	26,512	3.5 916
46	RH	4-8	305	25,825	3.4 875
94	RH	3-5	305	25,238	3.3 840

(Turn to Page D13)

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Lancaster Co. DHIA

(Continued from Page D12)

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
89	RH	6-1	305	25,499	3 1	802
43	RH	4 6	305	24,998	3 1	786
Delmar H Wenger						
Wilma	RH	4 8	305	26,297	3 5	912
Valiant	RH	7 9	305	20,714	4 1	841
Fancy	RH	4-9	305	20,865	4 0	828
Homer G Hess						
Amanda	RH	4 9	305	20,912	4 4	910
Donna	GrH	7 4	305	20,720	4 2	860
Lenewood Farm						
Ava	RH	7 9	294	25,674	3 5	905
Prms 123	RH	3 3	305	22,042	4 1	895
Titus B Stoner						
Rochell	RH	8 0	305	21,797	4 1	903
Regina	RH	4-9	305	21,912	4 1	893
Dustin	RH	5-10	305	21,763	3 6	780
Thomas C Lapp						
Pebis 14	RH	9 10	305	30,576	2 9	900
Cany 121	RH	3 3	305	22,634	3 4	780
Center Springs Farm						
Kate	RH	7 4	304	22,899	3 9	900
Drendel	RH	6 8	305	24,301	3 2	786
Carl L Martin						
Skybird	RH	4 5	305	22,658	4 0	900
Blenda	RH	5 9	305	21,777	3 7	802
James L High						
Cheryl	RH	8 5	305	19,087	4 7	897
Jonas E Stoltzfus						
Sarah 41	GrH	7 6	305	24,669	3 6	893
Eugene H Reiff						
Bert	GrH	2 5	305	25,000	3 6	890

J Floyd Kreider						
22	RH	4 1	305	22,900	3 9	890
13	RH	8 9	305	26,008	3 3	870
Shellenberger Bros						
Gale 18	RH	5 9	305	25,642	3 5	885
Flute 13	RH	8 8	305	21,953	3 8	836
Graywood Farms						
352	GrH	3 7	305	22,383	4 0	885
175	GrH	4 11	305	23,883	3 4	809
Lapp Valley Farm						
Candy	RH	6 6	305	25,548	3 5	884
Kay	RH	3 10	305	27,325	2 9	783
Dal Car Farm						
8-308	GrH	3-10	305	21,299	4 1	883
55-254	GrH	5 4	305	24,101	3 4	819
88-289	GrH	4 5	305	18,563	4 3	791
Kenneth E Zurin						
238	RH	3-2	287	19,706	4 5	883
208	RH	3 5	305	23,803	3 7	871
155	RH	4 0	305	21,391	4 0	847
429	RH	5-0	305	22,204	3 8	837
140	RH	4 3	305	21,981	3 8	831
184	RH	3-9	299	24,241	3 4	821
159	RH	3-10	305	21,115	3 7	776
Glenn E Burkholder						
Apricot	RH	6 3	305	21,618	4 1	882
Gwendoln	RH	3 9	305	23,643	3 4	797
Paul M Fahnestock						
59	RH	4-7	305	23,680	3 7	881
209	RH	4-1	305	23,432	3 3	772
John P Lapp						
Trina	RH	3 4	305	21,650	4 1	879
Lucy	RH	2 11	305	18,975	4 2	805
Kenneth B Garber						
Olga	RG	5 3	305	17,568	5 0	875
Paul D Welk						
Delila	RH	2-5	305	19,028	4 6	874
Natalie	RH	6-0	305	21,000	3 7	775

Lancaster Farming Saturday, July 5, 1986-D13

Robert Kauffman Jr						
Cphylis	RH	6-9	305	21,971	4 0	872
Chrisie	RH	8 6	287	18,990	4 4	828
Suette	RH	2 11	305	21,110	4 0	814
Delmar & Susan Weaver						
Violet	RH	3 3	305	21,149	4 1	872
Cookie	RH	5-2	305	22,449	3 8	855
Elite	RH	5 3	305	25,558	3 2	815
Daisy	RH	5 3	305	23,254	3 3	770
Desmond Kayea						
17	GrH	5 2	305	17,662	4 9	872
LeRoy S Smucker Son						
Hope	RH	6 6	305	22,969	3 8	869
Dale & Steve Hershey						
Jane	RH	4 7	299	24,820	3 5	867
Tammy	RH	5 10	305	26,788	2 9	772
Richard B Hess						
73	GrH	9-6	305	23,308	3 7	866
Norman H Nolt						
Ann 122	RH	6-8	305	23,696	3 6	864
Marin 30	RH	4 10	305	19,775	4 1	816
Weeping Willow Farm						
Carol	RH	4 2	305	23,011	3 8	863
39	GrH	5-1	305	22,023	3 9	853
Mae	RH	5 7	294	20,521	3 9	795
Henry S Lapp						
31	RH	6-4	305	19,953	4 3	863
69	RH	3 5	305	19,971	3 9	773
Noah Kreider & Sons						
596	GrH	4 0	305	19,910	4 3	862
504	GrH	4 6	272	21,373	3 7	796
501	GrH	4 4	305	18,667	4 2	785
Paul V Nissley						
Alene	RH	4 3	305	20,687	4 2	860
Donald B Trimble						
66	GrH	4 7	305	20,956	4 1	858
74	GrH	3-6	305	18,785	4 2	782

(Turn to Page D14)

USDA Plans Swine Meeting

WASHINGTON — The Secretary of Agriculture's Advisory Committee for Swine Health Protection will meet Wednesday, July 16, in Washington, D.C., to discuss U.S. Department of Agriculture swine health protection program activities and related matters.

The meeting, which is open to the public, will be held in room 3056 of the USDA South Building at 14th and Independence Ave., S.W., from 8:15 a.m. to 4:30 p.m.

Also on the agenda will be an update on measures being taken to help prevent domestic swine diseases, such as trichinosis and pseudorabies; and a report on the worldwide status of exotic swine diseases.

The committee consists of state and swine industry representatives who meet periodically to give advice on matters affecting swine health. Further information may be obtained from Dr. L. Schnurrenberger, Program Planning Staff, VS-APHIS-USDA, Room 846 Federal Bldg., Hyattsville, Md. 20782.

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Lancaster Co. DHIA

(Continued from Page D13)

Donald R Bare							
10	RH	5-2	305	20,941	4 1	857	
91	RH	4-7	305	18,634	4 3	799	
80	RH	3-2	305	20,111	4 0	795	
Marvin Z Weaver							
30	GrH	4-7	305	21,186	4 2	856	
20	GrH	6-2	305	18,575	4 4	822	
Norman L Hershey							
Verna 60	RH	5 7	305	24,224	3 5	855	
Nancy 34	RH	3-11	290	20,489	4 1	842	
Jan	RH	4-6	305	22,171	3 7	828	
Marcy 13	RH	8-6	303	24,311	3 2	786	
Noella	RH	3-8	305	21,099	3 7	785	
G Hershey Hostetter							
Kathy	GrH	3 6	305	20,561	4 2	854	
Raymond H Good							
24	GrH	5-7	305	24,437	3 5	853	
JS Smucker & Sons Farm #2							
77	RH	5-7	305	27,371	3 1	852	
332	RH	6-11	305	21,539	3 8	819	
483	RH	5-9	305	23,466	3 4	789	
367	RH	8-8	305	22,826	3 4	778	
Nelson R Habecker							
38	GrH	2-5	305	19,849	4 3	852	
Dale R Metz							
53	GrH	6-6	286	20,914	4 1	849	
Jay Richard Groff							
5	GrH	4-11	305	25,908	3 3	848	
Robert Gochenaur Jr							
4	RH	6-9	305	25,282	3 4	847	
91	RH	5 5	305	23,733	3 5	832	
102	RH	4-8	305	24,791	3 3	813	
105	RH	4-5	305	24,816	3 2	783	
Marvin R Sauder							
Marlene	GrH	6-5	305	20,369	4 2	847	
Penny	RH	5-5	305	21,313	3 6	772	
Karen	RH	4 1	305	19,948	3 9	770	
Philip Horst							
Tina	GrH	3-11	300	24,683	3 4	846	
Meadow Vista Farm							
Edith	RH	6-0	305	23,086	3 7	846	
Kenneth D Myer							
Molly	RH	4-7	305	22,010	3 8	846	
Blondie	RH	10-1	305	20,939	3 9	811	
Della	RH	6-10	305	22,297	3 5	784	

Kreider's & Nickle

38	GrH	3-11	305	21,999	3 8	846	
80	GrH	3-2	305	20,025	4 2	839	
85	RH	3 3	305	17,871	4 5	800	
Albert Breneman							
151 Andr	RH	5 10	305	20,212	4 2	846	
Clair M Bowman							
73	GrH	3 1	305	19,035	4 4	844	
Kelma	RH	5-4	292	21,129	3 7	777	
John H Howard							
Jenny	RH	5 0	295	24,942	3 4	843	
Cora	RH	7 0	305	23,309	3 6	833	
Neffdale Farm							
Flossie	RH	3 1	305	21,748	3 9	843	
Ira Heistand & Sons							
Lily	GrH	4 0	305	20,901	4 0	843	
Christian E Riehl							
Rose	RH	7-8	305	23,925	3 5	842	
Aaron B Lantz							
Lilly	RH	4 7	305	22,929	3 7	842	
Ken & Nelson Stoner							
15	GrH	2 7	305	19,262	4 4	842	
20	RH	2 5	289	18,574	4 4	813	
187	RH	3 0	305	20,378	3 9	793	
196	RH	2 11	305	21,614	3 7	791	
Robert & Minnie Metzler							
April 24	RH	7 3	305	20,290	4 1	841	
John Omar Stoltzfus							
Pat	RH	3 1	305	22,191	3 8	840	
Tony	RH	6-10	305	21,934	3 8	838	
Floyd Kreider & Sons							
74	RH	5 8	305	23 750	3 5	839	
Edwin Sensenig							
74	GrH	3 1	305	19,342	4 3	838	
Fern	GrH	4 3	305	17,778	4 4	788	
Roy H & Ruth H Book							
Gloann	RH	6 2	305	23,686	3 5	837	
Lloyd B Sensenig							
Pammy	RH	3 4	305	21,390	3 9	837	
Creek Knoll Farm #2							
Babe	RH	5 2	305	24,954	3 4	836	
Paul W Zimmerman							
9	GrH	5 10	305	24,097	3 5	836	
John Z Beiler							
Joy 27	RH	2 9	305	22,466	3 7	835	
Hiram S Augst							
Holly	RH	4 5	273	20,596	4 1	835	
Galen W Crouse							
Gena	RH	6-10	305	21,685	3 8	834	
Bobbie	RH	8 0	296	17,782	4 4	785	
Earl S Weaver							
Faith	RH	4-6	305	20,820	4 0	834	
Fay	RH	4 8	305	21,172	3 8	800	
John M Harnish							
April	RH	6-5	305	22,206	3 8	833	
Abram M Stoltzfus							
Star	GrH	7 1	305	21,373	3 9	831	
John L Landis							
284	RH	3-2	305	21,607	3 8	830	
55	RH	2 3	305	18,424	4 3	791	
Reuben A Stoltzfus							
Huddles	GrH	4 0	305	25,683	3 2	829	

S&A Kreider & Sons

204	GrH	4 2	305	23,166	3 6	829	
C Nevn Hershey							
Fawn	RH	4 3	305	21,682	3 8	829	
Sevea	RH	8 11	305	22,390	3 6	817	
Fred Crider Holstein							
Jennie	RH	3-1	305	17,224	4 8	828	
George M Hurst							
498	RH	3-9	305	23,166	3 6	826	
Henry U Stoltzfus Jr							
Stacy	RH	3-4	305	19,574	4 2	826	
Gerald Martin							
Cherry	RH	3-1	305	22,143	3 7	824	
Richard N Sauder							
Ann	RH	4-3	305	20,563	4 0	821	
Pauline	RH	7 5	286	18,883	4 2	791	
Nathan E Stoltzfus							
Kathryn	RH	8-9	305	19,273	4 3	821	
Lovie	RH	9-6	305	18,998	4 1	778	
Tritown Farm							
Lisa	RH	3 3	305	21,637	3 8	820	
Earl N Landis							
Adell	RH	6 8	305	24,714	3 3	819	
Roseanne	RH	5-11	305	21,192	3 8	814	
Letty	RH	5-3	305	19,238	4 1	789	
Trout Spring Farm							
Fej	RH	7 2	305	22,152	3 7	819	
Elam Petersheim							
Happy 33	RH	3 5	305	18,736	4 4	819	
Gordon E Herr							
M Boot	RH	6 11	305	19,060	4 3	818	
John Edward Weaver							
37	RH	6 2	305	18,927	4 3	817	
John O Stoltzfus							
Posey	RH	7 7	303	21,829	3 7	816	
Raymond E Reitz							
Lucky	RH	3 11	305	19,590	4 2	813	
Nathan G Stoltzfus							
Utopia	RH	3 11	305	21,979	3 7	812	
Christian Zook							
Coleen	RH	5 9	287	20,746	3 9	811	
Robert L Shelly							
Patches	RH	4 7	305	22,386	3 6	809	
Twin Oak Farms							
356	RH	4-4	305	18,696	4 3	809	
374	RH	4-3	305	19,097	4 1	781	
Ronald H Leaman							
Pluto	GrH	3 11	305	26,154	3 1	808	
Dale Weiler							
Inez	RH	4-2	305	22,326	3 6	808	
Pennstar Farms							
Spruce	RH	3 10	305	26,349	3 1	807	
Princes	RH	4-6	305	19,155	4 1	793	
Robert & Linda Sensenig							
56	RH	3-2	305	22,840	3 5	806	
Elmer M High							
39	RH	5 2	305	22,769	3 5	806	
David E DeLong							
559	GrH	3 10	305	21,787	3 7	806	
Noah K Beiler							
Rbrta 13	RH	2 10	305	18,605	4 3	804	



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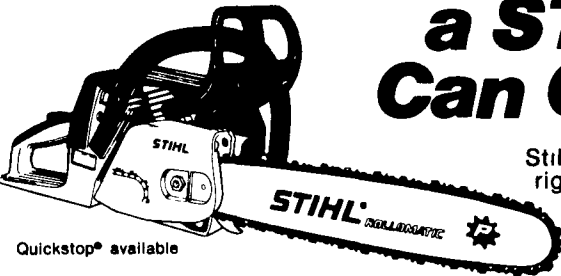
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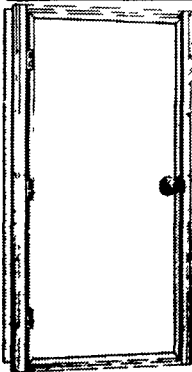
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- Anti-siphon feature • Warranted Ceramic Siliconized Polyester Paint System
- 12 colors in galvalume, plain or painted

Imperial Rib is custom-cut to the inch to fill your needs in lengths up to 45 feet, reducing or eliminating end laps. You get a tighter, stronger, more attractive building.

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Complete Pole And Other Buildings

Lancaster Co. DHIA

(Continued from Page D14)

Emanuel S Smucker						
Lilly	RH	4 2	305	22,779	3 5	802
Kathy	RH	5 3	305	21,521	3 7	791
Julie	RH	3 8	305	24,103	3 3	788
Cindy	RH	7 5	305	21,347	3 6	772
Jay R Nissley						
4	GrH	0 0	305	21,493	3 7	801
Joseph W Best & Sons						
21	GrH	5-5	305	22,988	3 5	799
24	GrH	4 6	305	19,004	4 1	773
D Lamar Weaver						
Molly	RH	5 5	305	21,582	3 7	799
JS Dienner Sons						
Jan	RH	4 7	305	21,492	3 7	798
Babe	RH	6 1	270	17,882	4 4	780
Welsh-Vista Farms						
Kandy	RH	5 10	305	22,232	3 6	797
Robert W Ulrich Jr						
Lucky	RJ	4 8	305	15,483	5 1	797
Abraham Shelly Jr						
Ivory	RH	3 11	305	19,744	4 0	796
Luke S Stoltzfus						
Pear	RH	5 6	305	20,245	3 9	793

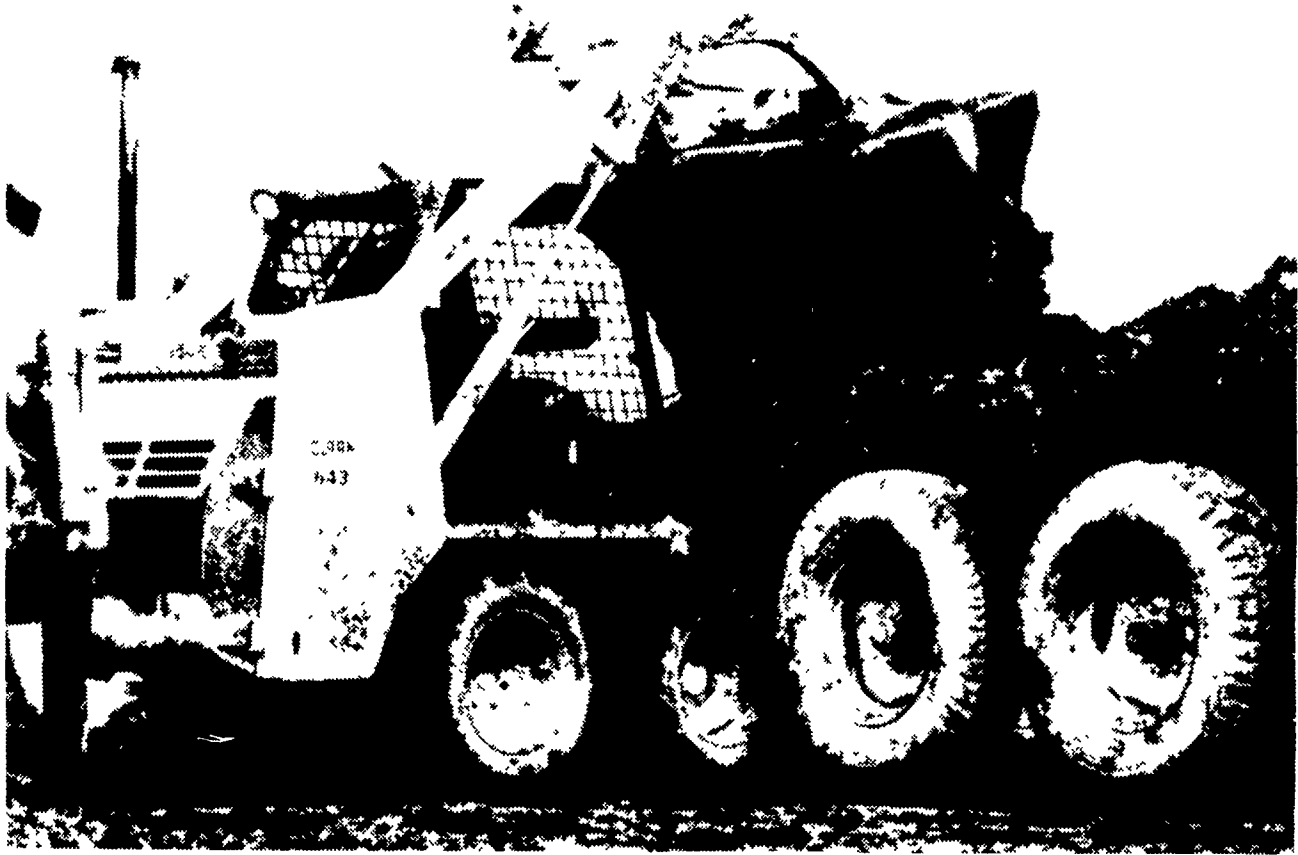
Edwin Laidis						
Queen	GrH	4-6	305	14 776	5 3	790
Galen C Martin						
Judy	RH	9 10	305	20,584	3 8	789
Tom Zartman						
283	RH	3 3	305	22,684	3 5	788
J Wade Groff						
Darcy	RH	4 0	305	19,384	4 1	788
Calvin D Beiler						
23	GrH	5 8	305	21,920	3 6	787
Martin & Clair Good						
June	RH	3 8	305	18,297	4 3	787
Robert H Rohrer & Sons						
43	GrH	5 9	233	21,959	3 6	786
139	RH	2 11	305	22,910	3 4	784
157	GrH	4 2	305	22,450	3 5	776
J Kenneth Miller						
9	RH	3 1	305	21,232	3 7	786
Kenneth L Balmer						
Erma	GrH	4 1	305	20,975	3 7	786
Running Springs Farm						
Joshia	GrH	5 6	305	23,359	3 4	785
Laura	RH	5 2	305	22,726	3 4	771
Pequea Heights Farm						
Cathy	RH	4-7	305	19,732	4 0	785
Allen S Groff & Son						
90	GrH	4 3	305	19,603	4 0	785

Lancaster Farming Saturday, July 5, 1986-D15

Allen Lee Stoltzfus						
Delight	RH	3 0	305	19,528	4 0	785
Thomas & Larry Aaron						
448	GrH	4-4	305	21,382	3 7	784
Earl H Hoover						
35	GrH	4 9	289	19,724	4 0	783
Raymond & Louise Witmer						
Molessa	RG	3 6	305	16,330	4 8	783
Robert N Brandt						
24	GrH	7 0	302	20,641	3 8	782
Wilmer & Mark Kraybill						
Stacy	RH	4-8	305	21,159	3 7	781
Kreider & Miller						
91	GrH	7 8	305	20,441	3 8	781
Paul S Sauder						
Shla 102	RH	3 5	305	16,881	4 6	781
Ivan Z Martin						
Maggie	RH	3 7	305	20,678	3 8	780
LeRoy R Martin						
5	RH	7 10	305	22,177	3 5	779
J Wilmer Conrad						
Kelly	RH	3 10	305	21,507	3 6	779
Raymond M Weaver						
15	RH	5-4	305	21,536	3 6	778
Ivan K Horst						
39	GrH	3 11	305	20,393	3 8	778

(Turn to Page D16)

QUALITY WORK AT OUR END MEANS QUALITY WORK AT YOURS.



The Melroe Company insists on maintaining the highest standards of quality in design and manufacturing in their versatile Bobcat loader line. Like farmers, we demand high quality materials and workmanship, and that goes into every machine we build. Even with those stringent requirements, we supply you with a top quality loader at a competitive price.

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FARM SERV.
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Towanda, PA
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717-836-3740



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Lancaster Co. DHIA

(Continued from Page D15)

David L Landis 178	GrH	4 0	305	17 420	4 5	778
Loren L Zimmerman Nanette	RH	4 10	305	20 371	3 8	777
Warren A Schmuck Letetia	RA	4 0	304	23,266	3 3	775
L Clair Miller Gem	RH	7 3	305	21 349	3 6	775
Glenn R Binkley 47	RH	2 11	305	20 352	3 8	775
Leaning Locust Farm Sistene	RH	4 9	305	20 315	3 8	775
Calvin D Keene Jesca 61	RH	3 8	305	18 116	4 3	775
Penn Har Va Farms Lavon	RH	4 3	305	23 237	3 3	774
118	GrH	4 6	305	21,065	3 6	764
120	GrH	3 7	305	17,994	4 2	761
Raymond K Burkholder 9	GrH	5 3	303	20,146	3 8	774
Harvey W Stoltzfus Donut	RH	6 5	305	19 556	4 0	774
Lester M Weaver #1 169	RH	6 6	305	17 717	4 4	774
Henry S DeLong 24	GrH	9 4	305	21 243	3 6	772
John R & Rick Groff Princes	GrH	3 10	305	18 560	4 2	772
Robert Martin 12	GrH	3 6	305	20,191	3 8	771
Ellis D Kreider 204	GrH	4 8	305	16,054	4 8	771
Glenn Z Musser Valetine	RH	4 5	305	22,014	3 5	770
Richard W Bollinger 31	RH	4 8	305	21,966	3 5	770
Kolb Brothers Kate	RH	3 9	305	20 196	3 8	770
David E Zimmerman 65	GrH	5 2	285	20 051	3 8	770

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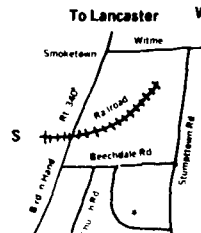
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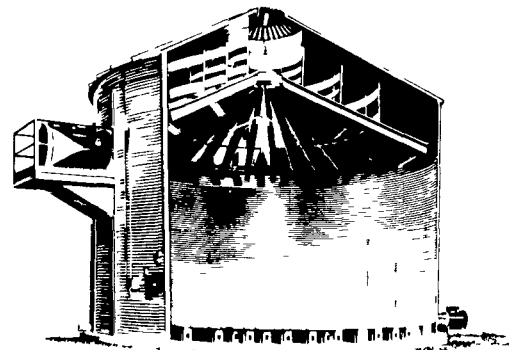
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Land plow mounted for Farmall A or B, \$175 firm. Call 201-475-5901 after 7 p.m. Warren, N.J.

Tobacco scaffolding, fir wood, silo staves for barn flooring, potato grader with rollup picking table Chester Co. John Fisher, RD3, Box 32, Honey Brook, PA 19344.

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270 NI cut-ditioner, 7 on steel w/eng. mounts; wormy chestnut joists; rafters, old, hand hewn. Lanc. Jesse King, P.O. Box 142, Mt Pleasant Rd Quarryville, Pa. 17566

(2) Ritchie double waters w/electric heaters, 1 single unit. Jacob King, Box 395, R D. 3, Quarryville, Pa. 17566 Lanc. Co.

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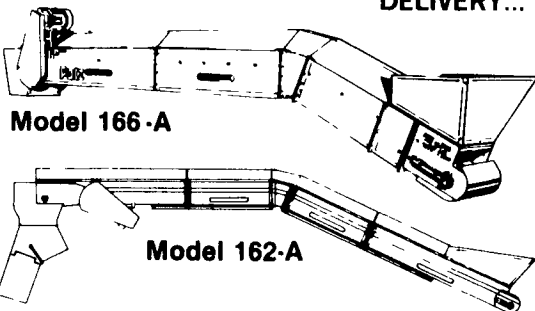
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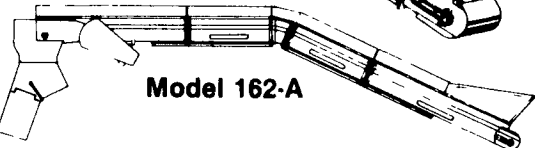
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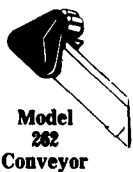


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- Replaceable bolt-in conveyor pans.
- Options: hopper, spouts, diverter, support brackets



Model 262 Conveyor

Patz 101 FEEDER AND CONVEYOR



Check these features:

- Feed is distributed along the bunk from above by a feeder with a tapered bottom.
- Can be used inside or outside.
- Chain and flites move at 91' per minute delivering up to 44 bushels of feed to the bunk each minute.

- Can elevate, feed and convey with optionals.
 - To fit your requirements, the 101 can feed in one or two directions; convey and feed in one or two directions; or just convey.
- Feature for feature that's why farmers are selecting the Patz Model 101 feeder and conveyor



Patz BELT FEEDER

For fast, reliable, feeding plus... easy maintenance and low investment.

- High Volume
- Simplicity Plus
- Continuous-drive Plow
- Installs Quickly
- Mounts Left or Right Side, or Ceiling
- One Motor — No Reversing Switches



MODEL 2120 BELT FEEDER

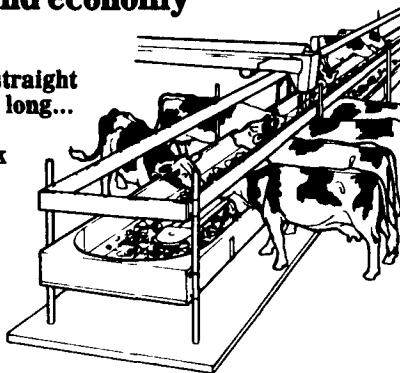
Multi-lot feeding with easy maintenance and low investment

- Center mount, side mount, or ceiling mount for in-barn manger feeding
- Feed any lot from convenient control panel
- Installs Quickly
- High Volume
- Simplicity Plus

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Three pt. hitch log splitter with hoses, cylinder and extra hydraulic cylinder, brand new, never used, \$400. Berks Co. 717-933-5455.

Registered Australian blue heeler pups. Good cattle dogs, watch dogs and catch ground hogs. \$100. Berks Co. 215-562-4161.

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12'x20'x13 1/3" wooden utility barn, removable roof. Lanc. Eves. 717-898-8351, daytime 717-665-3686.

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22" Frick thresher, 8' grainbinder. John E. Stoltzfus, RD1, Box 467, Gap, PA 17527. Lanc. Co.

Portable hog shelter holds 70, \$800; 5' 3 pt. rotary mower Ford, very good cond., \$325; Case baler, make offer. 717-367-4359.

Woods RM60, 6' finishing mower, 3 pt. hitch gear drive, like new, \$1,200, Sears deep-well pump w/35 gal. tank. York Co. 717-225-4586.

Cauliflower, broccoli and cabbage plants. 2500 gal. SS milk tank. 717-656-9766.

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Economy Power King, 14 HP, loaded tires, wheel weights, chains, snow blade, plow, cultivators, 4' mower. Northampton Co. 215-588-3797.

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Two I beam, 7"x14", 28' long, \$250 each. Lanc. Co. Henry R. Stoltzfus, RD 1, Box 348, Kirkwood, PA 17536.

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Complete irrigation system, 2 1/2"x2 1/2" pump, motor, trailer, 1200' pipe, sprinklers, \$1,900 or best offer. York Co. 717-792-2743.

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#80 McDeering combine, 7' cut w/scour cleaner. Field ready. \$950. Snyder Co. 717-374-9141 eves.

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1983 Toyota 4x4 pickup, 2" lift kit roll bar, \$6,000. Dauphin Co. 717-469-0394.

Registered gray Arabian mare, 5 yrs. old, very quiet; gray quarter horse, 14-3 hands, 4 yrs. old. Mifflin Co. 717-899-6419.

Jersey family cow, \$350. Bred back. Chester Co. 215-269-0759, before 8:30 AM or after 5:00 PM.

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Set of steel wheels, 64" high, 12 wide, spring wheels in front. Best offer. 717-776-7692.

Roll away chicken nests, slats, waterers, feeders, slates could be used in greenhouses. Stephen M. Stoltzfus, RD1, Box 208, Christiana, PA 17509, on Rosedale Rd.

1971 LT900 Ford Tandem dump truck, 534 eng., 14' steel box, 5+3 trans; nice condition, price, \$10,500. 717-837-0323, Snyder Co.

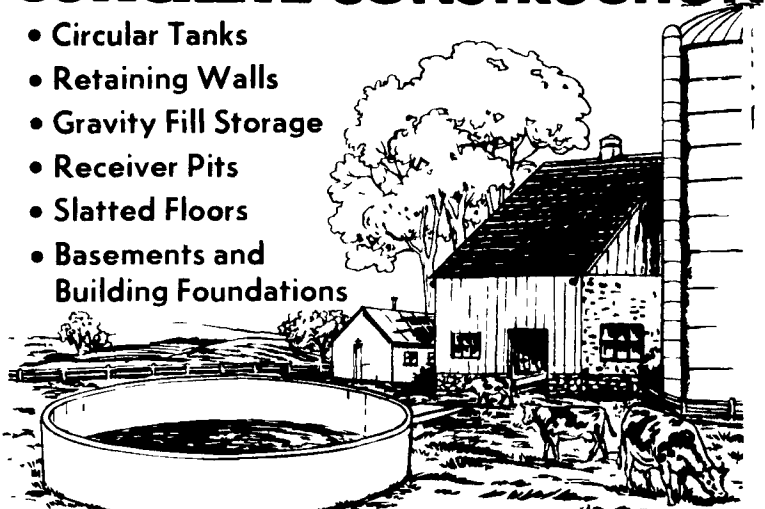
20 Ton refrigerator compressor, 40 hp elect. motor, 7 1/2 hp water circulator. Midd Co., N.J. 201-297-0581.

Gehl s/unloading silage wagon, 8 ton gear, \$1,000. NH 33 flail chopper, \$400. Chester Co., 215-255-4346 or 301-398-7298.

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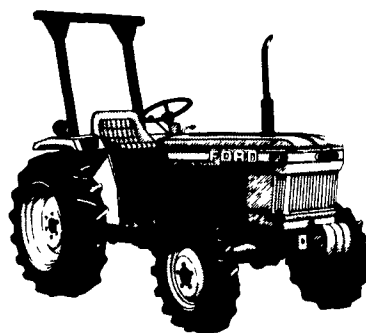
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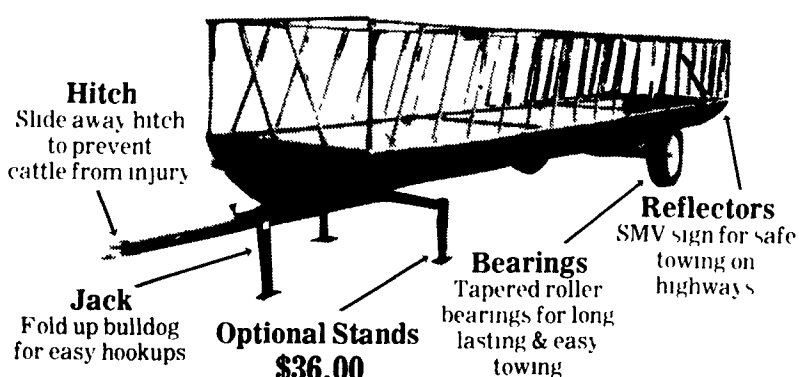
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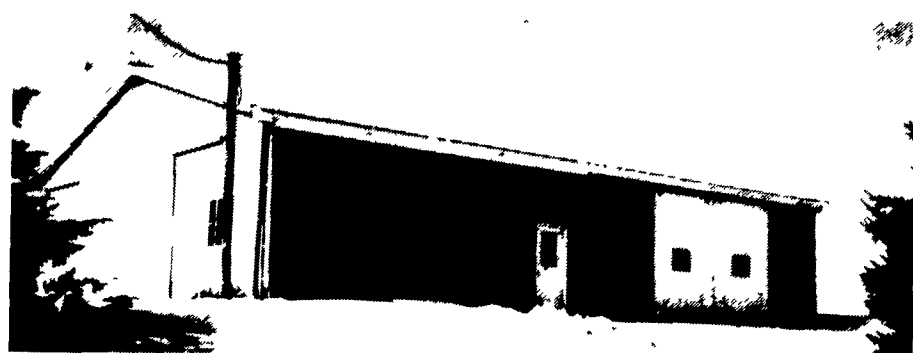
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Dorset ram, 3 yrs. old, \$50; Suffolk ewe, 4 yrs. old, \$25. Lebanon Co. 717-838-9094.

9 month old Yorkshire Boar, 4 younger Crossbred Boars, several Bred Gilts due July, August. York Co. 717-432-3555 after 4 p.m.

Good used storm front carriage, \$1,500. Christian S. Stoltzfus, R.D.4, Box 129, Quarryville, Pa. 17566. Lanc. Co.

Belsaw sawmill 48" insert tooth blade, Hercules 48" track, complete sawmill, \$5,000. North'd Co. 717-275-1404 after 6 p.m.

10 3rd calf beef cows. Crossbred bred for early '87 meat price. One young bull, no calving problems. 717-375-2375 Fri.

Square tub, Maytag wringer, washer, Kelvinator air conditioner, 6,000 BTU. Lanc. Co. 717-665-2513.

8' aluminum brake, \$550; 4' aluminum brake, \$350; 1 ton platform scale, \$450; 100HP, 3 phase motor, \$800. Northumberland Co. 717-286-5306.

Two door servel gas refrigerator, no guarantee. Best Offer. Lanc. Co. 717-733-0630.

1972, F250 Ford, 390, AT, PS, PB, air, cap; 1978 Olds, 350 SW, AT, PS, PB air; Viking treadle sewing machine; Kirby vacuum cleaner. Berks Co. 215-488-1268.

Wolf seed cleaner #44, \$250; 1974 Ford F100; 1971 Ford F350 parts, springs, doors, hubs, etc. Berks Co. 215-488-1762 or 488-1268.

1967 Ford pickup, good running cond., 351 engine, PB, excel. interior, radio, current inspect., paneled cap, \$800. York Co. 717-292-3294.

1975 Ford F100 pickup, no box, 300 six cyl. 3SP, good cond. Northumberland Co. 717-758-2581.

JD 400 grinder mixer, good condition; AC 435F corn head, like new, picked few acres. Northumberland Co. Eves., 717-286-2345.

Dry broiler manure, \$7/ton. Franklin Co. 717-532-9234.

Brownie #314, 18HP hydraulic pruner, hydraulic saw and pruner, pallet fork and picking bag included. Lanc. Co. 717-653-5661.

One pair 4-5 yr. work horses, matched white face, big. Lloyd H. Kreider, RD 1, Smithville Rd., New Providence, PA.

Ford 501, 7' cut, 3PTH mower, used less than 75 hrs., like new; 1939 JD H tractor, plows, cultivator. Carbon Co. After 9PM, 717-386-5438.

110' Loudon litter carrier track trolley with hoist, 1 switch, \$275. Abner S. Glick, RD 1, New Providence, PA 17560. Lanc. Co.

Three barn roof ventilators, like new, \$40 ea. Berks Co. 215-562-7239.

2 combine tires, 18.4x26, no brakes, 10 ply, \$25. each. York Co. 717-235-2032

JD 4440D, 2510D engines, Sebastian 12-36 metal lathe, D-2 track pads, Perkins 3-152 engine, 3 ea. JD 435D tractors. 717-292-4245 evenings.

Amana refrigerator, avacado, \$50.; Glenmoore, Chester Co. 215-942-3163 evenings.

Linde Semen tank, \$225.; Ear Corn, good quality. 215-857-2300

(4) Conde milker units w/DeLaval claws; Sterling pulsators; Silicone inflations, \$175. a piece or would sell parts. Jonas Beiler, R.D.8, Box 15, Danville, Pa. 17821.

Tractor, 1953 Ford Golden Jubilee, excellent cond., \$1895. Also, 5' stock tank, used one season, \$50. 717-993-3385.

Sawed locust posts, fence boards, bale thrower racks & gears. Cal kennels, calf hutches. 717-442-8972.

17 HP Bolens diesel tractor w/loader, low hrs., 3-pt. hitch disk, blade & cultivators. 717-442-4279.

Maple trees, 16 to 18' high. Ready to plant. Can deliver, \$75. Lancaster Co., 717-392-8056. Green Acres Garden Center.

Saddle bred buggy horses, sound, well broke. Lanc. Co., 717-354-9639.

50 Gal. apple butter kettle. Ford Crew Cab Truck, AC, AT, dual gas tanks, topper/camping insert. York, 717-266-2982.

Pride of the Farm rotary hog feeder, holds 175 lb. feed, cast iron bottom, good shape, \$50. JP Beiler, RD1, Box 319, Kirkwood, PA 17536.

2 Door kerosene domestic refrigerator, also single door refrigerator for ice block, good cond. Lanc. Co. 215-445-7117

New Zealand white breeder rabbits. 717-665-7212, Lancaster Co.

Iron wash kettle, hay rake, 7 AKC dashound puppies, 3 dapple. 717-354-5039. Lancaster Co

NH 320 Haybaler, NH 256 Hayrake, Cobey silage wagon, Cobey manure spreader, tandem axle, 19' dump bed, 16' flat bed. 717-386-5696.

2 Sawmills and extra shafting, sawblades various sizes, dozer blades, forks, truck tires, and other misc. parts. Monroe, 215-681-4891

Cement block machine, one block machine, may bases. \$200. 201-453-2549.

Reg. Hol. 4 yr. old due July 16. Also, heifer due Aug. Abram F Stoltzfus, 130 Locust St., Leola, Lanc Co.

JD 70 diesel, PS, 3-pt. hitch, \$2400. JD Model L, new paint, rebuilt eng. w/cultivator & plow, good cond., \$1400/b.o. 717-626-5678.

New Idea trailer mower, \$450. Also, AKC Boxer puppies. Cumb. Co., 717-532-3640.

30 New Hampshire reds, 10 weeks old, \$1.75 each. Pekin ducks, \$3.75 each. Honey Brook, Chester, 215-273-2642.

Hyster Fork Lift, 2,000 lb. model, very good condition, 4-cyl. Wisconsin air cooled engine, \$1600 York Co., 717-244-2649

Moritz trailer stock horse combination, 12', \$1550 Franklin Co., 717-597-3680.

High moisture shelled corn at farm or delivered. Call for price. Franklin Co. 717-762-5005

IH No 80 pull type combine, \$800. Dauphin Co., 717-599-5846

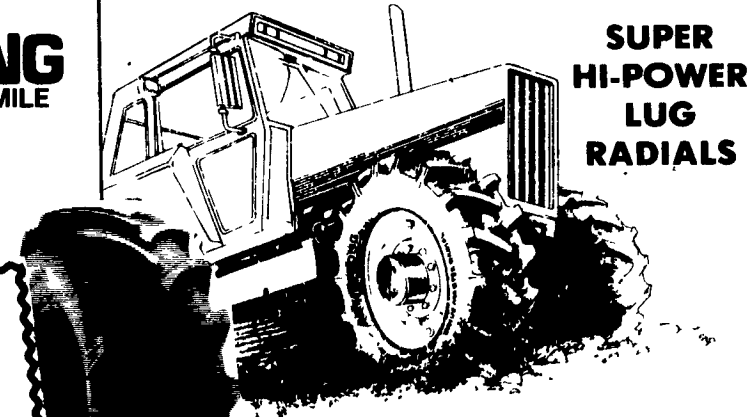
Farm: 60A big barn, two streams, priced to sell. Perry Co., PA. 717-536-3130 after 5 p.m D.R. Briner.

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Over 15,000 TIRES
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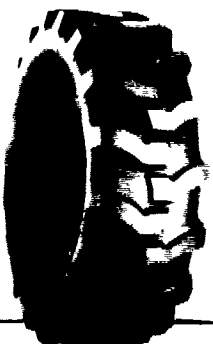
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RADIAL
FARM TIRES**



**SUPER
HI-POWER
LUG
RADIALS**

14 9R28 10 Ply	\$325.00
16 9R28 10 Ply	\$399.00
18 4R34 6 Ply	\$399.00
16R38 6 Ply	\$429.00
18 4R38 6 Ply	\$459.00
18 4R38 8 Ply	\$529.00
18 4R26 10 Ply	\$449.00
20R34 8 Ply	\$639.00
20 8R38 8 Ply	\$649.00
20 8R38 10 Ply	\$699.00

**Loader-
Dozer**



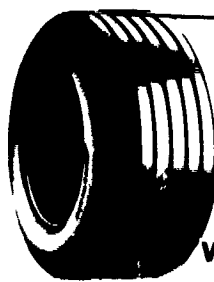
* TUBELESS *

16 9x24 8 ply	\$265.00
16 9x24 10 ply	\$330.00
17 5Lx24 6 ply	\$240.00
17 5x24 8 ply	\$270.00
15 5x25 12 ply	\$320.00
17 5x25 12 ply	\$445.00
19 5Lx24 10 Ply	\$359.00
18 5Lx24 12 Ply	\$359.00
21Lx24 12 Ply	\$465.00

* TUBE TYPE *

14 9x24 6 ply	\$200.00
14 9x24 8 ply	\$220.00
16 9x24 6 ply	\$220.00
16 9x24 8 ply	\$235.00
16 9x24 10 ply	\$280.00
17 5Lx24 8 ply	\$240.00
16 9x28 8 ply	\$260.00
18 4x28 10 ply	\$340.00
20 5x25 12 ply	Call For
23 5x25 16 ply	Quote
1300x24 10 ply	\$225.00
1300x24 12 ply	\$245.00
1400x24 10 ply	\$255.00
1400x24 12 ply	\$280.00

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In Stock!



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26 1200x12 4 ply	49.00
8 5Lx14 6 ply	41.00
9 5Lx14 6 ply	44.00
9 5Lx14 8 ply	49.50
11Lx14 6 ply	49.00
9 5Lx15 6 ply	42.00
9 5Lx15 8 ply	44.00
11Lx15 6 ply	43.00
11Lx15 8 ply	47.00
25x7 50x15 4 Ply Tubeless	44.00
25x7 50x15 6 Ply Tubeless	49.00
27x9 50x15 4 Ply Tubeless	53.00
27x9 50x15 6 Ply Tubeless	60.00
31x13 50x15 8 Ply Tubeless	65.00
31x13 50x15 6 Ply Tubeless	88.00
31x13 50x15 8 Ply Tubeless	99.00
11Lx15 8 ply tubeless	50.00
11Lx16 8 ply	58.00
11Lx16 10 ply tubeless	74.00
12 5Lx15 10 ply	75.00
12 5Lx16 14 ply	85.00
14Lx16 1 12 ply	140.00
16 5Lx16 1 10 ply tubeless	160.00

**Deduct \$5.00 During
July**



**Small
Rear
Farm**

750x20 4 ply	59.95
750x24 4 ply	64.95
8 3x24 4 ply	78.00
9 5x24 4 ply	84.00
11 2x34 4 ply	135.00
11 2x36 4 ply	137.00
12 4x36 4 ply	175.00
13 6x36 4 ply	189.00



**Skid
Loader**

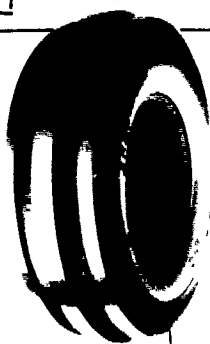
700x15 6 ply	\$65.00
750x15 6 ply	\$68.00
10 16 5 6 ply	\$80.00
12 16 5 8 ply	\$120.00
Steel Shield	
10 16 5 6 ply	\$95.00

Above Tires
Shipped
To You FREE

**Contractor
F-3**

11Lx15 8 ply	\$80.00
11Lx16 8 ply	\$92.00
11Lx16 10 ply	\$98.00
750 800x16 10 ply	\$80.00
11Lx16 12 ply	\$130.00
145 75 16 1 10 ply	\$225.00

Front Tractor



400 12	\$22.00
400 15	\$24.00
500 15	\$31.00
550 16 4 ply	\$33.00
550 16 6 ply	\$36.00
600 16 4 ply	\$37.00
600 16 6 ply	\$41.00
650 16 6 ply	\$42.00
75L 15 6 ply	\$50.00
750 16 8 ply	\$54.00
750 16 6 ply	\$50.00
750 18 6 ply	\$64.00
9 5L 15 6 ply	\$55.00
9 5L 15 8 ply	\$60.00
1000 16 6 ply	\$80.00
11Lx15 8 ply	\$75.00
1100 16 8 ply	\$110.00
14L 16 1 8 ply	\$160.00

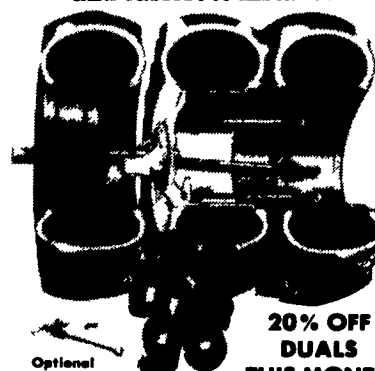
Above Shipped UPS - No Charge

**Hi Power
Lug**



11 2x24 4 ply	100.00
14 9x24 4 ply	150.00
14 9x24 6 ply	165.00
14 9x24 8 ply	190.00
16 9x24 6 ply	190.00
16 9x24 8 ply	210.00
14 9x26 6 ply	172.00
18 4x26 6 ply	235.00
23 1x26 8 ply	525.00
23 1x26 10 ply	600.00
11 2x28 4 ply	115.00
12 4x28 4 ply	130.00
13 6x28 4 ply	145.00
13 6x28 6 ply	160.00
14 9x28 4 ply	160.00
14 9x28 6 ply	175.00
16 9x28 6 ply	220.00
16 9x28 8 ply	240.00
18 1x28 6 ply	275.00
16 9x30 6 ply	230.00
18 4x30 6 ply	270.00
23 1x30 8 ply	650.00
24 5x32 10 ply	750.00
16 9x34 6 ply	255.00
18 4x34 6 ply	299.00
18 4x34 8 ply	325.00
20 8x34 6 ply	459.00
20 8x34 8 ply	510.00
23 1x34 8 ply	689.00
11 2x38 4 ply	140.00
12 4x38 4 ply	168.00
13 6x38 4 ply	179.00
13 6x38 6 ply	198.00
14 9x38 6 ply	224.00
15 5x38 6 ply	225.00
16 9x38 6 ply	279.00
18 4x38 6 ply	325.00
18 4x38 8 ply	365.00
20 8x38 8 ply	

the strongest, most reliable
and easiest to install. . .



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THIS MONTH**

M & W DUAL SUPER LOCK II

Tire	Price	Discount	You Pay	(12.5-Bolts)
18 4x30	\$650	\$130	\$520	
18 4x34	\$620	\$130	\$490	(12.5-Bolts)
18 4x38	\$630	\$140	\$490	(12.5-Bolts)
20 8x38	\$790	\$190	\$600	(16.5-Bolts)
20 8x34	\$780	\$170	\$610	(16.5-Bolts)

Above Duals Are The Strongest Clamp-On Dual Available
Snap-On Also Available

* 10-Hole Dual Axle Available At 20% Discount Now

* All Duals Shipped To Your Farm Free During July

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On Your Farm**

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15 Acres Rye straw. In field or baled. Dauphin 717-533-7051.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

All size silo roofs at reduced cost. Lanc. Co., 717-687-6672 or 768-3095.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, RD2, Strasburg, Pa. 717-787-2562.

Specializing in pleasure Tennessee walkers. Always a good selection of trail & show horses. Yearlings, broodmares. Stud Service. Lester Weber Stables. 215-267-7311.

Peafowl, 6 cocks, 1978 hatch, \$50 each. Also, 1979 chicks, \$10 and up. Westminster, MD. 301-876-1235.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va 22644. 703-459-3414

Used Bee Equipment Inverbrook Apiaries, RD2, Box 230, West Grove, Pa 19390. 215-869-3353

MINI LOP RABBITS with papers, \$25. Very loveable pets. NZW Rabbits with papers, \$10 Cecil Co, Md, 301-885-2134

Outside calf hutches, \$75 each David B. Stoltzfus, RD2, Box 282B, Nottingham, PA. Take Brown Rd at Little Britian, second road right.

Rock Oak, 1" to 1 1/4" Also, Cherry and Poplar After 5 p.m., 717-776-3239

12 yr QH, Bay trail horse 12 yr 1/2 Arab, sharp, endurance, competitive trail horse Have shots, new shoes 717-432-8282

'49 or '50 Plymouth 2-door stationwagon. '35 Ford wagon. Radio for '54 Plymouth. Montg. Co., 215-933-2469.

BOOKS make great Christmas Gifts Huge collections available w/fine items under \$20. Call Ron York. 717-235-2134

NH 268 baler w/super sweep, like new knottor, new paint, \$1,800; 2 cyl engine, rebuilt, \$395 Samuel Stoltzfus, Stumptown Rd., Bird-in-Hand, PA 17505.

MAILBOX MARKET
WANTED

Four can milk cooler; PTO for Int. 2504. Centre Co. area. 814-692-5248.

Steel wheels for AC 190 tractor. Will buy or trade rubber for steel. Melvin K Zook, R1, Box 27, Christiana, PA 17509.

Charity groups to accept free scotch pine trees for sale this Christmas season. Write 116 Hedge Apple Lane, Wilmington, DE 19807.

Old windmill not in use that can be repaired. 304-269-1973. W. VA. Lewis Co.

20 Jerseys to lease or purchase on time. Call 607-529-3348 after 6 p.m. Chemung Co., N.Y

Bull to lease for July, Aug Near Bucks Co. Call eves, Jim Riss, 215-968-2649.

Oak hoosier cabinet, old butcher block, old cider press, small hit/miss engine, no dealers please, will travel Chester Co, 215-593-6238

28" Frick thrashing machine, good condition. Write condition, price, your location to Jacob S Stoltzfus, RD3, Box 156, Mechanicsville, MD 20659.

Two used heads for a V6 53 Detroit engine, must be in good condition. 215-286-9096

Cast iron flower urns and bird bath for garden. Bill Gottschalk, 19025 York Rd., Parkton, MD 21120 Balto. Co., 301-329-6789.

People who are interested in learning floral arranging! It's fast, fun & easy! Call me today, Berks Co., 215-683-7500.

Sillies, Red, Buff etc. No Whites. Can be chicks or mature birds. Lanc. Co. 717-442-9239. 7 to 8 a.m.

26 to 31 quart iron kettle w/ring, must be in good condition. Lanc. Co. 717-354-3091 after 6 p.m.

Pine, Oak flooring for home, bath tubs, sinks for home, 3 pt. for AC D-15, used motor home to sleep 4. Bucks Co. 215-348-9920

Int. Farmall 140, hi clear tractor. Kent Co., MD. 301-648-5807

Over head garage door, 12 or 14' high x 16' wide Cumb. Co. 717-532-9376

550 to 600 gal. bulk tank, 30 to 36 concrete pipe and vacuum pump. Union Co. 717-523-7331

Trailer type rotary mower, Outside tobacco scaffolding. Lanc Co 717-684-0777

Buying old eyeglasses, straight razors, railroad lanterns, many other items. Henry Cross, R.D.1, Box 161, Morganville, NJ 07751. 201-591-9255

Female Llama, side saddle, Cavalry halter bridle combination w/removable bit, Lionel trains 203-564-2579

Used calf kennel or fiberglass/plastic calf hutch. Chain link fence or panels. 215-932-2314

Chevrolet 366 engine, must be in good condition 717-328-3832

8' truck bed for 1977 Ford F150 Harford 301-676-9051 or 301-676-6615

A driving horse, safe for women to drive Lanc. Co 717-656-8916

Round bottom 500 to 600 gal. milk tank, stainless steel. Shelby Co, IN 317-398-6722. Early Mornings

ROPS canopy for 1971 D-51-S track loader Kamotsu, roller pigeons, must be performers Monmouth Co., NJ 201-566-3457 Nights

Cider or juice press needed. Call Mountain View Farms, Lycoming Co., PA. 717-745-7710

Gehl No 95 Grinder Mixer. Levi S. King, 562 Houtztown Rd., Myerstown, PA 17067

Ground driven potato digger in working condition. Levi F Stoltzfus, Box 128, R3, Quarryville, PA 17566. Lanc. Co.

Hay Wanted: Delivered to Elverson, Chester Co. Three tons of timothy or mixed hay. 215-286-6862 eves.

Metal feed bin 10 ton or larger, round preferred. Also need short auger. Lanc. Co. 717-656-2235.

120 locker boxes for walk-in freezer. Quarryville, PA, Lanc. Co. After 7PM, 717-786-3502.

Have facilities, need holstein herd up to 100 cows paid for by milk check percentage. 717-833-5743.

Thickness sander, 12" or 14", home made or mfg. or planner that can be converted. Leb. Co. 215-589-4773.

AC 190XT series III or 200 w/blown engine. Lanc. Co. 717-284-2751 1351 Hillside Dr., Holtwood, PA 17532.

Field oats. Isaac E. Fisher, R1, Box 106, Pequea, PA 17655.

Goats, does old or young. Any breed, 6-10 needed Cumb. Co., NJ. 609-825-4603 or 609-391-0280.

New or used storm front market wagon, and/or spring wagon, state price and condition. All replies answered. T Holliday, Rt 4, Box 244, Waynesboro, TN 38485

Old used pine lumber from barn, house, etc. Must be in good condition No white paint. Lanc Co, 215-445-6231

Attic Flooring and Log Houses 717-626-4520

White Pekin Ducks Adams Co 717-642-8221 after 5 p.m

MAILBOX MARKET
NOTICE

Free to good homes, only 1 cat and 5 kittens. York Co. 717-225-1595 after 6 PM.

FREE young dog for watch dog, gentle. Jacob Zook, White Oak Rd., Paradise, Pa. 17562. Lanc. Co. near Nickel Mine Floor Covering.

Air compressor & air tool rebuilding, any models. Beilers Pneumatics, R.D.1, Box 84, Christiana, Pa. 17509.

Sale Reports

A Public Auction of antiques and collectibles was held June 26 for the Annette M. Beaverson estate one and one-tenth miles north of Manchester, Pa.

Some prices included: 37 pc. International silverware \$260, crystal chandelier w/500 prisms \$280, metal horse ornament \$35, pair brass candle-holders \$55, 8 goblets \$18, small gold leaf mirror \$35, Garniture set \$110, 2 gentlemen's chairs \$220 and \$210, floor light w/prisms \$80, mahogany bedroom suite \$280, 2 marble top stands \$110 each, marble top coffee table \$190 and chandelier \$190.

Rentzel's Auction Service conducted the sale.

Barn windows painted and repaired at my home. Ephraim D. Riehl, 247 E Eby Rd., Leola, Pa. 17540

Gospel Tent Meetings, July 6 through July 13. Singing. Preaching each evening 7.15. Rt. 422, three miles south of Myerstown, PA All welcome!

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Co., Pa. There was a large crowd at the sale.

Some prices received were: sleigh bells \$190, 22 Remington pump rifle \$130, 35 Remington pump rifle \$210, Stevens Mod. B Sharpshooter \$80, small spinning wheel \$185, oak extension table \$100, 1981 Ford Lgt. 145 tractor & mower \$1550, J.D. 110 riding tractor & mower \$1070, meat grinder \$65, chest of drawers \$180, small cart \$60 and brass scales \$210.

Dave Deibler and Ed Shoop were the auctioneers.

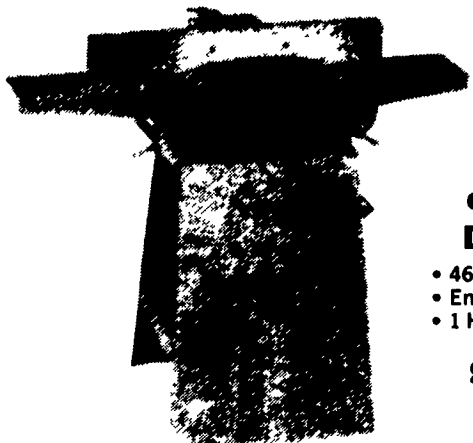
A Public Auction of guns and household goods was held June 28 by Elizabeth C. Palmer, R.D. 1, Elysburg, near Bear Gap, Columbia

Co., Pa. There was a nice turnout for the sale.

Some prices were: Kodiak bear trap \$375, 55 caliber cannon \$410, snow shoes \$20 each, cork duck decoys \$22.50, 9x10 Karastan rug \$600, Eli Terry clock case w/new works \$180, 22 Rossi rifle \$110, 32-20 Winchester \$390, 9 mm Winchester bolt action shotgun \$130, H&R 1873 Springfield Reproduction 45/70 rifle \$300, Winchester 410 model 42 shotgun \$650, highboy reproduction \$675, sterling clothing brush \$25, sun dial cannon \$30, 24 duck prints \$92 and early bookcase secretary \$600.

Donald E. Hock and George J. Henry were the auctioneers.

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- 46" Bed
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\$295⁰⁰

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Black Rock Repair

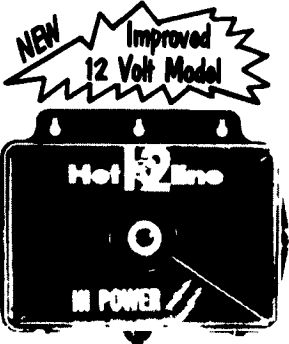
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- ALL-WEATHER (NON-RUST) VERY STRONG POLYCARBONATE CASE
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Paradise, PA 17562

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CITY _____ STATE _____

ZIP + 4 _____ COUNTY _____

A Complete Herd Dispersal was held June 27 by Sheldon and Leah Millard, 1 mile from East Smithfield and 14 miles from Troy on Howard Vasburg farm. The 57 mature registered Holstein cows averaged \$990. The

top selling cow brought \$2200 and the second high was \$2000 with the third high bringing \$1675. Gordon Wood was the sales manager and Arlow Kiehl was the auctioneer. XXX A Public Auction of real estate and equip-

ment tools was held June 28 by the Zimmerman Truck Painting and Rebuild, Inc. along Route 11 off Route 235.

The #1 parcel consisted of 35 acres with a stucco masonry dwelling, and 2 car garage and #2 parcel included 100 acres with large 10 bay block commercial building, 6 offices, paint storage room, 25 stall horse barn/tack room and a Champion Mobile home. They were sold as one unit for \$284,500.

Other prices included: 2 Truck painting booths \$330 & \$2550, Gilbraco 10 h.p. air compressor \$1950, 1969 Warner-Swassey 6,000 lb. pneumatic fork lift \$4000 and Amerac Model 400 portable tire truer \$500.

Kerry pae Auctioneers conducted the sale.

XXX

A Public Sale of 4 stands at the Central Market was held June 26 by the City of Lancaster. A corner stand

was purchased by Tony Perez for \$1200. He plans to sell spanish vegetables in the Central Market and will open for business in July.

The other 3 vacant stands were purchased by Haines T. Walker for \$450 each and he plans to sell fruits and produce. The bid per stand covers the vendors' rent for the remainder of 1986.

Alan L. Gesford, city public works director, acted as auctioneer.

XXX

A Public Sale of real estate was held June 28 by Ervin H. Burkholder, R.D. 6, Manheim, Pa. along Kendig Drive.

The brick rancher with a 1 car attached garage, swimming pool

and utility shed was sold to Douglas Frey of Salunga for \$64,000.

Nevin Z. Martin and Lewis B. Groff were the auctioneers.

XXX

A Public Auction of real estate was held June 28 by Emily F. Hummel, between Lavelle and Minersville along Rt. 901 in the Beury's Grove Area.

Parcel No. 1 which contained 1 acre of land with a 1½ story dwelling was sold for \$22,000.

Parcel No. 2 was sold for \$29,000 and included 3 acres with an attractive bank-type barn.

George Deibert was the auctioneer.

Public Auction Register

Closing Date: Monday 5:00 P.M.
of each week's publication

JULY

SAT JULY 5 - 9AM Real

AUCTION SAT., JULY 12, 1986 9 A.M.

Located along Rt. 30, 9 mi. east of Lancaster in Paradise, PA.

Antiques, Scales, Old Gas Engine, Crock, Tools, Household Goods, Early Wooden Child's Haywagon, Pine Farm Table.

Large auction.

Phone Gordon Ressler, 717-687-7402 for details.

Owner:

MRS. RAYMOND MARTIN

RON FUNK AUCTIONS
34 N. Vintage Rd.
Paradise, PA

Gordon Ressler, Auct., 717-687-7402
AU-314-L

Larry Lefever, 215-593-5296

Auction Service Since 1961

Affiliated With Century 21, Fagan & Assoc

Estate, Antiques, HH, Shoe Repair Eq. Located 1328 W. Main St., Ephrata, PA Rt. 322 Lincoln Area. Terms by Ethel H. Burkholder T. Glenn & Timothy G. Horst, Aucts.

SAT. JULY 5 - 9AM Farm Eq., HH. Located from Rt. 80, take exit 21 (Kylertown, PA exit), from 80 Sale is 3 mi. from Rt. 80. By: Matt & Mary Krasinski, Ronald J. Gilligan, Auct

SAT. JULY 5 - 9:30AM Ford Tractors, Farm Eq., Riding Mower & HH. 2 mi. N. of Bath, along Rt. 512 leading from Bath to Wind Gap, Moore Twp., Northampton Co., PA. Sale by Joseph Kiss. House, Aucts.

SAT. JULY 5 - 10AM Fine Early Tools, NH Gas Engines, Old Farm Eq., Conestoga Wagon Items, Blacksmith, Butchering, Carpenter & RR Articles. Located At Starr Community Bldg., Village of Willow St., Lancaster Co., PA. About 3 mi. S. of Lancaster behind Willow Street Fire Co., on Northbound Rt. 272. By: Jacob H. Harnish. Howard Shaub, Aucts.

SAT JULY 5 - 10AM Flea Market On PA Rt #24 between Stewartstown & New Park Stan & Mary Nagle, owners York Co Livestock Sales Ltd

SAT JULY 5 12 Noon. Valuable Real Estate, Merle Raudabaugh Farm, 931 West Old York Rd., Carlisle, PA. From Carlisle, PA. S. on Rt. 34 to Rt. 174 W. go approx. 4 mi. on 174 W. or 1 mi E of Walnut Bottom Rd. on Rt. 174. Estate of Merle A. Raudabaugh. Roy Gottshall, Auct.

TUES. JULY 8 - 7PM 58 Head High Grade Holsteins Located 6 mis. E. of Greencastle, PA, & 1 mi W. of Waynesboro, PA, on Rt. 16; S on Cold Spring Rd., right on Marsh Rd., then left on Hoovers Mill Rd to farm Enos & Mary Diller Robert C Mullendore, Auct.

TUES. JULY 8 - 5:30PM Carriages & Horse Eq. Tractor, Shop Tools, Travel Trailer Est of Dr Wm W Howe Jr Just S of 406 Mendon Center Rd., 3 mis S of Pittsford, NY, 10 mis SE of Rochester, NY, 1 mi E of Rt 65 (Clover St) take Willard Rd off Rt 65 to Mendon Center Rd Harris Wilcox, Inc., Aucts

WED JULY 9 - 10 AM Horton's Farm Dispersal, Cows, Heifers, Bulls, Machinery, Milking Equipment, Real Estate Bradford Co., 3 mi E. of Ulster, PA across the Ulster Bridge, 2 miles from North Rome on Ghent Hill, watch for signs. Owners: Dana & Betty Horton, Tim & Kenny Spencer, Aucts.

PUBLIC AUCTION

FRIDAY EVE., JULY 18, 1986
5:00 P.M.

Located in Cumberland Co., 8 miles West of Carlisle, Pa. on Rt. 641 to Grahms Woods Road, 4 miles North on Grahms Woods Rd. to farm; 2 miles East of Blosserville, off Rt. 944 on Grahms Woods Rd. (Watch for Sale Signs)

Bulk Tank, Farm Machinery, Hay

Esco 400 Gal. Bulk Tank - (No Compressor); JD #35 Harvester with Grass Head only; I.H. #35 Hay Rake with front wheels; J.D. 4-disk Trail Plow; 110 Gal. Fiberglass Tank; 3 pt. Scraper Blade; N.H. Tank Spreader-Rough; Single-axle Cart; Farmall 400 Tractor - P.S. - Fast Hitch - Good Shape; N.H. #80 Round Baler Mower; Pittsburgh 10' Transport Disc; N.H. Chuck Wagon; I.H. 12' Vibra Shank Harrow; Demco 300 Gal. Field Sprayer - Good Shape; Case Hopper Elevator; 3 pt. Hydraulic Wood Splitter. Approx. 5 Wagon Loads of last year's Alfalfa Hay - Good. 3 Wagon loads of Alfalfa from last year that has been rained on. 120 Large Round Bales (Alfalfa & Brome) - Last years Hay. 150 Smaller Round Bales - Mixed Hay - 2 Yrs. Old.

Lawn Mower, Tools & Equipment

J.D. 110 Riding Mower - Hyd. Lift; Chevy 4-dr. Sedan - 1940 Model - (All Original); Small amt. of Chicken Equip. - (Some like new); Large Pile of Iron & Steel; Barn Refrigerator; Work Benches; Butcher Table; Cabinets, Hand Tools, Nuts, Bolts; 2 quart Sausage Stuffer; Lancaster 14' Gooseneck Silo Pipe; Asst. Lumber; Some Household Furniture; Toys & Games; Porch Swing; Pots, Pans, Dishes & Misc. Items; Fridgidaire Jet Cone Auto. Washer.

Lunch Stand Reserved

I.D. Required For Number. Not Responsible For Accidents.

MELVIN CHESTNUT, Owner
R.D. 3, Newville, Pa.
249-7343 (Evening Only)

Sale Order - Household Items; Small Items; Machinery & Hay.

Sale By:



R.D. 1 Landisburg, PA 17040
Tel. (717) 789-3883 • 789-3616
License No. AU-000500-L

MAILBOX MARKET AD FORM

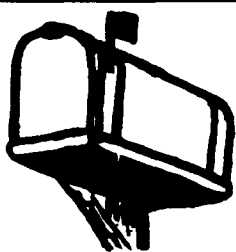
Only ads submitted on this official form will be published in our mailbox markets.

Please NO PHONE CALLS

(Attach Your Mailing Label Here)

For Sale Check One: Wanted
Notice

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market **MUST** use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper. no business ads accepted

Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543
No Phone Calls Please

FARMERSVILLE AUCTION TUESDAY, JULY 8 4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling for Ralph Coho, Millersville, plus additions.

Beautiful 9 pc. mahogany dining room suite w/58" bowed glass breakfast china closet, drop leaf table & 6 Victorian tufted back chairs & server; Beautiful 7 pc. solid mahogany bedroom suite w/serpentine fronts & king size headboard by J.B. Van Sciver; mahogany drop leaf tea cart; mahogany kneehole desk; 46" mahogany breakfront china closet w/desk insert; mahogany Duncan Phyfe stand w/world globe; 2 nice Flexsteel swivel chairs; nice G.E. almond 19.6 cu. side x side refrigerator; pr. matched avocado Kenmore heavy duty washer & dryer; tan loveseat; 5 pc. aluminum patio set; Serta single box springs & mattresses; White sewing machine; nice pine Ethan Allen roll top desk; Gibson 18.5 cu. white refrigerator; mahogany needlepoint footstool w/shield back chair; folding chaise lounges; green vinyl sofa & chair w/ottoman; nice table & floor lamps; luggage; hand tools; 2 maple bar stools; 2 end tables; Whirlpool for bathtub; brass hurricane lights; Rogers flatware set; elec. blankets; soft goods; lots of glassware not unpacked; etc. etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

Notice 4:00 P.M. Starting Time.

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

WED. JULY 9 - Special Dairy Sale Consignments, New Holland Sales Stables, located 12 mi. east of Lancaster, Pa. just off Rt. 23, New Holland. Abe Dffenbach, Norman Kolb, Mgrs.

THURS. JULY 10 - 8PM D.S.T. Keenline All Reg. Holstein Herd Dispersal for Harold & Sue Keener & Family. To be held at Smoketown Quality Dairy Sales, Smoketown, PA, Rt. 340. Managed by: Smoketown Quality Dairy Sales Co.

FRI. JULY 11 - 7PM Horse Sale at New Holland Sales Stables, New Holland, PA.

FRI. JULY 11 - 1:30PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81. 717-249-4711.

FRI. JULY 11 - 6PM Farm Eq. Located 2 1/2 mi. N. of Rt. 522 on Rt. 475, 1 1/2 mi. E. of Hustontown on Rt. 475 near Exit 13 of the PA Turnpike. Thomas Taylor, Sales Mgr. Horst, Gossert, Rencil & Son, Aucts.

FRI. & SAT. JULY 11 & 12 - Utility Trucks & Eq., Light Duty Vehicles, Tools & Materials. For: Philadelphia Electric Co., Norristown, PA. Vilsmeier

Auct. Co., Inc.

SAT. JULY 12 - 9AM, Real Estate, Household Goods, Antiques, Glassware, Tools. Located Station Rd., Grantville, PA. E. Hanover Twp., Dauphin Co. Former location of Bill Warner's Cabinet Shop. Exit 28 (Grantville) off of I-81, turn left onto Station Rd. at Holiday Inn. From Hershey go approx. 7 mi. north on Hwy 743 to Holiday Inn, turn on Station Rd., go 1/4 mi. to the first house on right. Owners: Mr. & Mrs. William Warner. Ben Nolt, Jr., Auct.

SAT. JULY 12 - Vermont Sheep Breeder's Assoc. At the Addison County Field Days grounds in New Haven, VT.

SAT. JULY 12 - 10AM Hay Sale. On PA Rt. #24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagne, Owners.

SAT. JULY 12 - 9AM Real Estate, Antiques, HH, Tools, Cars. Located 380 Wood Corner Rd., Clay Twp., PA. Rv. 322 W. of Ephrata turn S. on Wood Corner Rd. Terms by: Frank M. Steinmetz Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JULY 12 - 9AM Annual Consignment & Quilt Sale. Located Shermans View School, 1 mi. S. Centre, 3 mi. W. of Loysville off Rt. 274. For the Benefit of Perry Co. Amish Parochial Schools. Art Kling, Auct.

SAT. JULY 12 - Utility Trucks & Eq., Light Duty Vehicles, Tools, Materials For: Philadelphia Electric Co., Norristown, PA. Vilsmeier Auct. Co., Inc.

SAT. JULY 12 - 9:30AM National Finnsheep Sale, Penn State Ag Arena, State College, PA. Hosted by: Keystone Sale. Bob Calvert, Mgr.

SAT. JULY 12 - 9:30AM Farm Mach. For the Estate of Henry Smithana. Located Case Rd., 1/4 mi. S. of Old York Rd. 1/2 mi. E. of Rt. 202, 7 mi. NE of Flemington, NJ (Centerville Exit). Col. Fred R. Daniel Aucts., Inc.

SAT. JULY 12 - Benefit Auction for the Singing Servants Choral Group at the Manheim Community Farm Show Building, Manheim, Lanc. Co., PA. H.H. Leid Auct. Serv. John H. Fry, Auct.

SAT. JULY 12 - 9AM Home & Contents. 747 Village Rd. W. of Lampeter, Lanc. Co., PA. Clyde Campbell & Ruth L. Keller, Owners. Claude F.

Bechtold & Harold K. Keller, Aucts.

SAT. JULY 12 - 10AM Antique Tool Auction. Ridge Fire Co., Rt. 23, Spring City, PA. Rt. 23 is between Rt. 100 & Rt. 724, S. of Pottstown. Barry Hurchalla, Auct.

SAT. JULY 12 - 10:30AM Farm Eq. of Estate of Dennis McCarty, III, Delaplane, VA. Coleman Sales, Inc.

SAT. JULY 12 - 10AM Inventory Sale of Ninepoints Farm Store. From Rt. 30 to Rt. 896, 10 mi. S. of Strasburg along Rt. 896 to Ninepoints, PA. First lane on left. Terms: Menno S. Beiler. Kreider,

Kline & Good, Aucts.

SAT. JULY 12 - 10AM Real Estate, HH. At Peach Bottom on Lancaster Co. side. From Wakefield take Peach Bottom Rd. W. to the Marina. Turn left at the Marina & follow along river to dead end. Do not cross RR tracks, but turn left, then immediately right, go short distance & look for sign on porch on left. Approx. 20 mi. S. of Lancaster. Terms by: Jill P. Johnson. J. Everett Kreider, Auct.

SAT. JULY 12 - 9AM Complete Liquidation by Order of Secured Creditors Mountville Wallpaper Co. Located just E. of Columbia, PA. off Rt. 30, take Rt. 462 to Fridy Ave. to plant. Kerry Pae Aucts.

SAT. JULY 12 - 1:30PM Silos & Eq. Located Juniata Co. at the farm of Robert Swartz, 2 mi. S. of

E. Salem just off Rt. 235 and 6 mi. N. Rt. 322 at Thompsonstown. Robert & Delbert Swartz, Owners. Bryan D. Imes, Auct.

SAT. JULY 12 - 9AM Lititz Area Mennonite School 9th Annual Benefit Auction. Location: Take Rt. 501 N. from Lititz to Newport Rd., turn right approx. 2 mi. to School on right. Warwick Twp., Lanc. Co., PA. By: Lititz Area Mennonite School. John D. Stauffer, Paul E. Martin, Aucts.

SAT. JULY 12 - 9AM 2 1/2 story brick home, Antiques, HH, Coins. Located 747 Village Rd., Lampeter, PA. SE of Lancaster, turn E. onto Village Rd. from Beaver Valley Pike (Rt. 222). For: Clyde C. Campbell & Ruth L. Keller. Keller Aucts. Claude F. Bechtold, Harold K. Keller.

SAT. JULY 12 - 10AM

Real Estate, Farm Eq., HH. From US Rt. 11, turn at Hunlock Creek Rd. Go about 11 mi. Keep going towards Red Rock. Turn at large silo. Go until you come to Broadway Corners. Turn at Broadway General Store. Sale is 1/2 mi. from store. Sellers: Mary Lou & William Ferry, Jr. Nevius Auct. Serv.

SAT. JULY 12 - 8:30AM Automobile, Antiques & HH, Lawn, Garden & Shop Tools. Located Eureka Fire Hall along Rt. 24 N. of Stewartstown, PA. Bob & Tom Sechrist, Aucts.

SAT. JULY 12 - 9:30AM Real Estate, Tractor, Farm & Butchering Eq., Antiques, Personal Items of John & Florence Frey, Ness Rd., York, off Longtown-Windsor Rd., near Freysville. From Rt. 30, Mt. Zion Rd. Exit, turn S. onto Rt. 24, 4.8 mi., thru 3rd traffic light.

(Longtown) Continue on turning left onto Ness Rd. 7 mi., turning left onto Windsor Rd. Go. 1.8 mi., and continue so sale (on left). Ray E. Clinton, Auct.

REAL ESTATE AUCTION

SATURDAY, JULY 26, 1986 at 1 P.M.
MANSFIELD, PA. (TIOGA COUNTY)
THE BARDEN FARMS

Auction to be held under tent on O'Dell Road in Richmond Township appr. 3 mi. west of Mansfield. Follow auction arrows.

Includes 11 lots on the "CLEVELAND" farm 1 lot is 20 acres - 7 room house, barn, gas heat - minimum starting bid will be \$14,000 00

10 other lots will be offered for sale from 3 06 acres up to 19 acres Minimum bids on some lots will be as low as \$250 00 per acre

These lots have been surveyed and all have percolation permits except 2

"BARDEN" farm includes 7 lots One lot is 4 3 acres with nice 4 bedroom house, modern kitchen, gas heat, garage, heifer barn, new pole garage, and large lawn Minimum starting bid will be \$29,500 00

One lot is 25 acres with large dairy barn (cannot be used for dairy), ideal for storage, manufacturing, horses, etc New well, septic Minimum starting bid will be \$600 00 per acre, including barn

Other 5 lots range from 10 to 13 acres and minimum starting bid on some lots will be \$300 00 per acre

All lots are surveyed and have percolation permits except 1 lot

This is nice flat and/or rolling Pennsylvania farm country near woods and country roads, but only 3 or 4 miles from town and main highways and Mansfield University

For info: 717-662-7803 - Brian Barden or 717-662-3131 - Auction Co.

NOTE: We feel we have priced these lots very conservatively so will be of interest to anyone who wishes to purchase a home or land for the possibility of building a home some day.

OWNER- MRS. HAZEL BARDEN

Managed and sold by:

DICK CRITTENDEN AUCTION CO.

MANSFIELD, PA. 16933

717-662-3131 or 662-3409 PA. LIC. # AU000191-L

PUBLIC AUCTION

JULY 26, 1986

AT 8:30 A.M.

Turn off Rt. 35 in Borough of Freeburg, PA (Snyder County), onto Water Street (White Top Road) and continue north 2 1/2 miles to T.V. Tower Road or turn off Rt. 522 at Keister's Middleburg Auction onto White Top Road and travel south for 2 miles to T.V. Tower Road, take T.V. Tower Road 1/4 mile to Auction Site. Watch for Auction signs at Rt. 35 and Rt. 522 on Sale Day.

REAL ESTATE

TRACT #1: consists of app. 3 acres in Washington Township, Snyder County, PA whereon is erected a large frame dwelling house with porch on 3 sides and a woodburning hot air furnace. On first floor of this home is a kitchen, living room, 1/2 bath, TV room and a shop which was formerly used as a beauty shop with separate outside entrance. On second floor of home there are 5 bedrooms and 1 bathroom. Home is in good state of repair. Also situated on Tract #1 is a 2 bay cement 28'x30' block garage. Deed recorded in Snyder County Deed book 89, Page 463.

TRACT #2: consists of app. 37 acres in Washington Township, Snyder County, PA with app. 20 acres tillable and joins with Tract #1.

TRACT #3: consists of app. 25 acres woodland in Center Township, Snyder County, PA, located app. 1 mile west of Penns Creek and is located app. 200 yards south of Penns Creek-Troxelville Road and this tract joins Tract #4. Deed recorded in Snyder County Deed Book 118, Page 162.

TRACT #4: consists of app. 30 acres woodland in Center Township, Snyder County, PA app. 1 mile west of Penns Creek on southside of Penns Creek-Troxelville Road and this tract of land joins Tract #3. Deed recorded in Snyder County Deed Book 143, Page 234.

TRACT #5: consists of app. 11 acres of woodland in Washington Township, Snyder County, PA on the ridge between Neitz's and Flint Valley. Recorded in Deed Book 59, Page 408.

TRACT #6: consists of app. 4 plus acres in Monroe Township, Snyder County, PA on the west side of Rt. 15. Recorded in Snyder County Deed Book 85, Page 380.

TERMS: 10% down payment day of Auction. Balance within 30 days. To be offered at 1 p.m. - For showing of Real Estate call 374-8085.

ANTIQUES - COLLECTIBLES

Owners and Auctioneers not responsible for accidents.

TERMS: Cash or PA Check

OWNERS:

DONALD W. LONGACRE

GLORIA G. LONGACRE

R.D. 3, Middleburg, PA 17842
- (717) 374-8085

Dale L. Longacre Auctioneering

Phone: (717) 374-4215 - #AU-001899-L

Roger A. Lauver, Apprentice Auctioneer
#AA-001424-L

(AUCTIONEER'S NOTE: In the market for antiques or land, then be sure to make plans to attend this Auction. Something here for everyone.)

LUNCH by

Freeburg Fire Company Ladies Auxiliary

HORTON'S

FARM DISPERSAL

JULY 9, 1986 at 10:00 A.M.

Location: In Bradford County 3 miles east of Ulster, Pa. Across the Ulster Bridge, 2 miles from North Rome on Ghent Hill. Watch for auction arrows.

28 HOLSTEIN COWS,
11 HEIFERS-
2 BULLS

28 mature milking cows (1 red & white), 4 short bred heifers, 7 open heifers - 1 yearling bull and 1 steer.

This herd consists of young, healthy home raised animals. A herd that hasn't been pushed hard and yet still milks good. These cows are pasture bred for winter and early spring. This is a dairy type herd with good udders, they will make good replacements for any barn.

Machinery: 766 Int. Tractor (tires 16.9-38) 2500 hrs. 3020 John Deere Tractor (tires 16.9-34), 990 Int. haybine, 555 Int. 2 row chopper w/corn head and pick-up head (9 knife), 24' N.H. skeleton hay elevator, 32' Cardinal elevator, 18' DB grain/hay elevator, 56 NH hay rake, NH hay wagon, Papec blower, Gehl & Grove self unloading wagons (need work), 15,000 watt alternator, 370 Int. Disc (10 ft.), Int. 16' Drag, Int. 3 bottom plows, Int. 4 bottom 16" plows (semi-mounted), 5' plow packer, Int. 4 row corn planter, 95 Gehl Mix-all, 2 Killbros gravity wagons (w/running gears), 10 Int. grain drill (13 hole) Century sprayer (w/2 barrels), 3 pth.-wood splitter, farm wagon, Lely two behind fertilizer spreader, 214 NI flail manure spreader (hydro endgate).

Milking Equipment: Mueller-Hi-Perform 600 gal. bulk tank w/washer (new compressor), 4 Delaval milker units, 180' of 1 1/2" pipeline, 40 Show Ease drinking cups, 30 gal. hot water heater, 40 gal. gas hot water heater.

Small Items: Lincoln 225 amp. welder, Toro Rototiller, 40" tractor chains, 2 Homelite power saws, air compressor, 2 fuel tanks, 2 alum. ladders, 40' Ext. wooden ladder, milk cans, 8-12' telephone poles, Craftsman grinder, 3 elec. fencers, 2 rolls cable, 13' wire corn crib, 2 metal animal cages, silage cart, barn and hand tools, G.E. dryer, and other items of interest.

This year's hay sold in lots of 10 (Round bales) Real Estate: 165 acre farm (110 tillable, 35 woods, 20 pasture), 48 stall barn w/16x60 rib-stone silo and Patz barn cleaner 11 room house, 40'x70' machinery shed (3 doors) 12'x28' attached garage, 125' well and constant flowing spring attached to tub in pasture. This is a nice farm in a good location, just the right distance off the black top road for privacy. This farm has been stripped crop and grows good alfalfa mixed hay. The house is sturdy and has been comfortably remodeled. It has a nice 48 stall barn. This is prime hunting ground. It would make a fine dairy farm or other investment. Terms on Real Estate: 10% down day of sale (cashier's check) balance on delivery of deed. (30 days). Owners reserve final bid.

Auct. Notes.: Order of sale- small items, machinery, real estate 12:30 p.m., milking equipment and cattle.

Terms: Cash or good check, ID required.

Owners:

DANA & BETTY HORTON

Auctioneers: Tim & Kenny Spencer
AU-1001757-L

Spencer's Auction Service

717-364-5246

RD#3 Towanda, Pa. 18848

Lunch Available

ANTIQUE TOOL

AUCTION

JULY 12TH, 10 A.M.

RIDGE FIRE CO. RT. 23
SPRING CITY, PA.

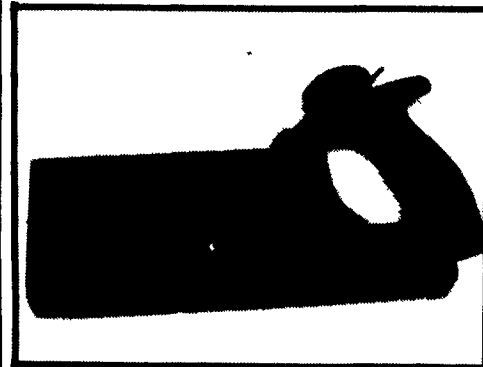
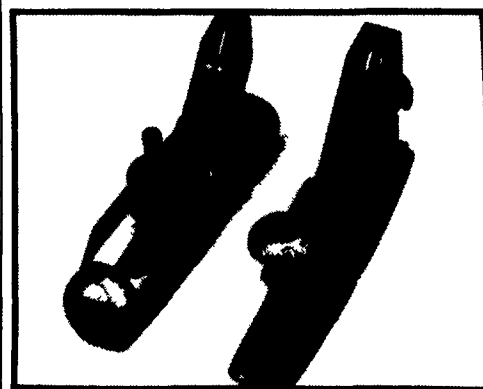
(Rt. 23 is Between Rt. 100
& Rt. 724, South Of Pottstown)

500+ Lots of Exciting Tools! Over 150 Wooden Planes, Mostly Signed.

Named Like Sheneman, Hubbard, White, Chapin, Hills, Wells, Brown, Carpenter, Tilburn, Barry & Way, Stevens, Probasco, Denison, Eastburn, Just To Name A Few!

In Stanley I See The Following Numbers:

20, 3, 5, 12, 12 1/2, 72, 45, 75, 78, 71, 100, 71 1/2, 113, 18, 130, 146, 289, 22, 35, 36 and Others.



Saws, Chisels, Measuring Tools, Edge Tools, We Have Them All.

For Info. Or Catalog List

Send S.A.S.E. To

Barry Hurchalla-Auctioneer

R.D. 2 Box 558

Boyertown, PA 19512

(215) 323-9237 or 323-0333

Lic #AU 1902-L

NO RESERVES

NO BUYER PREMIUM

NO ABSENTEE BIDDING

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SINGING SERVANTS CHORAL GROUP

PUBLIC BENEFIT AUCTION

SATURDAY, JULY 12, 1986

At 10:00 A.M.

At the **MANHEIM FARM SHOW BUILDING**, Adele Ave., Manheim, Lanc. Co., Penna.

The following to be offered: A Number Of Quilts, Certificates And Meal Tickets, Asst'd. Crocheted Doilies, General Household Goods, Baked Goods, 1 Year Old Hoover Vacuum Cleaner, Electric And Manual Gas Pumps, 4 Rolls Pea Fence Wire, Greenhouse Plants, Horse Feed & Etc. Line Of Assorted Items. Anyone Having Any Donations May Bring Them To The Auction Morning Of Auction Or Call Dervin Hart To Arrange Pickup At 665-7471.

Also Chicken Bar-B-Que To Be Held In Conjunction With Auction.

Come And Support This Worthwhile Project And Have A Day Of Fun And Eats.

Auction By

SINGING SERVANTS CHORUS

JOHN H. FRY, Auct. AU-306-L
717-733-3606

SAT. JULY 12 - 2902 Acres, 12 Tracts. Chesapeake Sale No. Five. Halifax Co., VA. Ownby Auction Service.

SAT. JULY 12 - 11AM. Complete Farm Dispersal, Reg. & Grade Holsteins, Farm Equipment. Clinton Twp., Wayne Co. Located on Rt. 296, 4 mi. from Waymest Corners, 12 mi

west of Honesdale, 10 mi. south of Pleasant Mount, 12 mi. north east of Carbondale, watch for arrows. Thomas Robinson, owner. Wayne Weaver, Auct.

SAT. JULY 12 - 9AM, Antique Auction. Located along Rt. 30, 9 mi. east of Lancaster in Paradise, PA. Owner: Mrs. Raymond Martin. Gordon Ressler, Auct.

Auct.

SAT. JULY 12 - 9AM, Public Auction of Household & Antique Items from the personal property of the late Clair Hassenplug. Located 2 miles west of Huntingdon, PA on Rt. 22 at Warrior Ridge Fruit Market. Dale Gibboney, Auct.

SAT. JULY 12 - 10:30AM, Antique & Furniture Sale from estate of Julian Ralph Graham and others. Rudnik's Sales, Rt. 213, Galena, MD.

MON. JULY 14 - Farm Mach., Tools. For: John K. Hershey & Norman Sauder. Held at RD6, Manheim, PA. Paul E. Martin & John D. Stauffer, Aucts.

MON. JULY 14 - 1PM Real Estate. Rt. 131 (Baltimore Pk.), Midway between Toughkenamon & Kennett Square, New Garden Twp., Chester Co., PA. Formerly Charlie Johnson Mushroom Plants. Harold S. Hill & Son, Inc., Aucts.

MON. JULY 14 - 10AM Real Estate. Located Clay Creek Rd., Avondale, London Grove Twp., Chester Co., PA. Formerly Anthony Toto Mushroom Plant. Harold S. Hill & Son, Inc., Aucts.

WED. JULY 16 - 3PM Real Estate, Furniture, China & Glassware. Located 157 E. Front St., Lititz, PA. Terms by: Ada E. Bingham. T. Glenn & Timothy G. Horst, Aucts.

WED. JULY 16 - 10AM

Lancaster Farming Saturday, July 5, 1986-D23

Valuable Industrial Real Estate. Located Rt. 372 (Valley Rd.), & Red Rd., Valley Twp., Chester Co., PA, midway between Coatesville & Parkesburg, PA. - Formerly Keystone Mushroom. Harold S. Hill & Son, Inc., Aucts.

WED. JULY 16 - Line & Construction Eq., Rock Drills, Trucks & Trailers. For: Wasatch Electric Co., Salt Lake City, Utah. Vilsmeier Auct. Co., Inc.

WED. JULY 16 - Holstein Milking Herd Dispersal of Giles C. Hoback, Bedford, VA. 80 cows. Ownby Auct. Serv.

WED. JULY 16 - 4:30PM Dock-View Dairy

Liquidation Sale of Silo Eq., Tractor, Barn Eq., Dairy Eq. Located 2 mi. W. of Lewisburg, PA, along Rt. 192. Charles & Mary Alice Dock, Owners. Wayne M. Hess and Alan W. Hess, Aucts.

THURS. JULY 17 - 5PM Valuable Antiques & HH Located 312 W. Main St., Newmans town, Leb. Co., PA. By: John H. Fredrick. H.H. Leid Auct. Serv. John H. Fry, Auct.

THURS. JULY 17 - 2PM Real Estate, Building Lot, Antiques, HH. Located 44 Terrace Ave., Ephrata, PA. By: Martha E. Boose. T. Glenn & Timothy G. Horst, Aucts.

PUBLIC SALE

Real Estate, Tractor, Farm & Butchering Equipment, Antiques & Personal Items of

JOHN & FLORENCE FREY,

R.D. #27, York, on Ness Rd., off Longstown-Windsor Rd. (Near Fr usville) DIRECTIONS: From Route 30, Mt. Zion Rd. Exit, turn south onto Rt. 24 - 4.8 mi., thru 3rd traffic light. (Longstown) Continue on 0.7 mi., turning left onto Windsor Rd. Go 1.8 mi., turning left onto Ness Rd. and continue to sale (on left).

SATURDAY, JULY 12, 1986

9:30 A.M.

REAL ESTATE

Five-acre farmette with 76'x50' barn, having 3 stables, 2 fenced pastures, lots of storage space & 7 garage doors. Many fruit and nut trees. Option for adjoining property. Has 8'x12' chickenhouse and round corn crib. Well-macadamed building area and road. Modern overhead 3-bedroom 27'x50' living quarters has 2 oil hot water boilers with four zone heat, fireplace. All built-ins included. Kitchen & bath on each floor. For inspection, call (717) 246-1374. TERMS: 10% down, bal. 60 days.

AUTOMOBILE

3 spd. 1969 Ford Grandee Mustang V-8 in good shape. NOTE: Real Estate & car to be offered at 1:00 P.M.

FARM EQUIPMENT

John Deere 2020 Tractor with power steering, 1460 hrs., in excellent shape. 2 wagon loads of misc. items; 10 ft. J.D. lime spreader; 8 ft. utility trailer; 8 ft. pull disks; 5 ft. pull harrows; two bottom pull type plows; new Frey portable cattle stall & groomer; wooden sgle. furrow plow; Oliver 16" two-bottom rollover plow; Ford 6 ft. 3-pt. sickle mower; sgle. & dbl. hole corn shellers in good shape; 3-pt. two row cultivator; 5 ft. harrows; 2-belt conveyor & roller conveyors; old New Idea wooden manure spreader; hydraulic pump with reservoir; livestock water heater- new; very lg. hydraulic cylinder; tandem low-boy trailer (damaged); trailer axles & wheels w/elec. brakes; heavy duty tractor chains (fit 28-32 or 36" tires); old hand forge furnace; sm. hand corn cracker. Also, single trees; platform & toledo store scales; 3-pt. Dan-User wood splitter (new in crate); C.I. New Holland buck saw, 3-pt. buck saw, 8" table circular saw (3/4 HP); hand cross-cut; old vice & jacks; saw buck; metal barrel stand; grain cradle; hitching posts; elec. cement mixer; old barn hay fork, animal boxes; coops; crates & others; incubator; chicken feeders; nests & fountains; #2 fox traps, live animal wire traps; 4 bales cedar shingles (16"); mason's transit; 3 sm. piles lumber (cherry, oak, hemlock, sassafras, etc.); drums; wooden sash & jalousie windows; new 5 ft. yard gate; stainless sinks.

BUTCHERING EQUIPMENT

Butchering furnace w/rings, furnace w/lg. kettle; stirrers; stuffer; kettle stands; grinders with 1/2 HP motor; stainless commercial grinder w/carbide knife; meat bandsaw w/slicing guide; stainless hocks on rollers.

ANTIQUES

Oak cupboard, bookcase & schoolmaster's desk; 3/4 rope bed; oak showcase w/glass front & top; buggy & Coleman lanterns; copper washbowl; lots of depression glass, china, tumblers; many sizes shoe lathes; crockery jugs; two gal. ice cream cans; Coca Cola ice cabinet; metal utility cabinet; new doughnut maker & milk can & funnels; wood benches, church pew; ironware, kitchenware, Avon, elec. fans; 78 records; fishing equipt., 10' Aluminum Jon boat; copper apple butter kettle; and much more!

Refreshments. NOT RESPONSIBLE FOR ACCIDENTS.

Ray E. Clinton, Auct., Lic. 164L
Ph. (717) 244-9135

20th Annual Holstein Bred Heifer Sale For Lewis & Ruth Brown

JULY 18
8 P.M.

Northumberland Co. PA.

To be held at Smoketown Quality Dairy Sales, Smoketown, PA.

Reg. & Grades to Calve July, Aug., Sept., 1-Jan.

A well cared for group mostly due July & Aug.

**7 Reg. Heifers from Rocky Trail Herd (Northern, Pa.)
with production & classification.**

Head Liners:

Reg. Rocky Trail Starlite Holly- sired by Roybrook.
DAM is an EX. Ivanhoe Chief.
2 yr. 16,094 3.8 606.
Grdam V.G. 86 - Magnet - with 30,224-960F.
Next Dam over 20,000.

Reg. S.W.D. Valiant- Due 7-10-86 to Needle Lane
John Red.
DAM- V.G. 87- Cotterdale Astronaut King.
5 yr. 305 21,980 3.6 801.
6 yr. 305 23,780 3.8 903.

Reg. Rocky Trail Home Run Jo- Granddaughter of Triple
Threat-Red. DAM- G.P. 81.
3 yr. 17,550 3.6 639.
Grdam V.G. 86 w/2 records over 18,000-4.1% 3.6%.

More Details Next Issue

Sale managed by SMOKETOWN QUALITY SALES CO.
Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

THURS. JULY 17 - 10AM
Ruevick & Kimble Rd.,
Lincoln University, Lower
Oxford Twp., PA. Formerly
Lincoln Mushroom Farm.
Harold S. Hill & Son, Inc.,
Aucts.

FRI. JULY 18 - 6:30PM
Feeder Pig & Cattle.
Keister's Middleburg
Auction, along Rt. 522,
Middleburg, PA.

FRI. JULY 18 - 5:30PM
Antiques & HH sold at
every auction. Located off
Rt. 41, Lancaster Turkey
Hill Minit Mkt., cross RR
bridge. Ira Stoltzfus &
Son, Aucts.

FRI. JULY 18 - 5 PM,
Public Sale, Farm Eq., Hay
Machinery, Tools,
Household. Cumberland
Co. 8 mi. west of Carlisle,
PA on Rt. 641 to Grahms
Woods Rd., 4 mi. north on
Grahms Woods Rd. to
farm; 2 miles east of
Bloserville, off Rt. 944 on
Grahms Woods Rd., watch
for signs. Owner: Melvin
Chesnut. Klings Auction
Service.

SAT. JULY 19 - 10AM Flea
Market On PA Rt. #24
between Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

SAT. JULY 19 - 9AM
Antique Furniture &
China. Located along Rt.
222 between Adamstown
& Reading (1 mi. S. of
Gouglersville-Next to
Weaver's Antique Mall),
Berks Co., PA. Terms by:
Glenn & Kathryn Baker. T.
Glenn & Timothy G. Horst,
Aucts.

SAT. JULY 19 - 9:30AM
Real Estate, Farm Eq.,
Vehicles, Antiques &
Coins, Misc. 4 mis. W. of
Sacramento; 4 mis. NE of
Gratz; along the
Klingerstown to
Sacramento Rd. Mr. &
Mrs. James D. Harman,
Owners. Mike & George
Deibert, Aucts.

SAT. JULY 19 - 9AM Real
Estate, HH, Farm &
Potato Eq. Located
midway between Lit-
tlestown, PA, and
Hanover, PA, turn off Rt.
194 onto Sells Station Rd.
and travel 1/4 mi. to sale.
Naomi E. Frymyer, Owner.
Dennis J. Plunkert, Auct.

SAT. JULY 19 - 10AM,
Public Auction of Farm
Machinery, Trucks,
Building Supplies, Tools.
Located at 2540
Conowingo Rd., (U.S. Rt.
#1), 6 miles north of the
town of Bel Air (north of
Hickory), Third Election
District, Harford Co., MD.
Robert F. Kahoe, owner.
O'Neill's Auction Com-
pany.

SAT. JULY 19 - 11AM
Real Estate, Lob Cabin on
2 Acres. Greenwood Twp.,
Juniata Co. Take Rt. 322
W. of Harrisburg to
Thompsonstown Exit turn
right on Rt. 333 E. to East
Salem, turn right on Rt.
235 S. thru town of Maze,
approx. 3 mis. to McCoy
Rd., turn left 1 mi. to
property on right. By:
Laverne & Ellen Keeney,
Randal Kline, Lloyd
Kreider, Roy Good, Jr.,
Aucts.

SAT. JULY 19 - 11AM
Real Estate. Located just
off Rt. 472 S. on Lee's
Bridge Rd., W. Not-
tingham Twp., Chester
Co., PA. Leave Rt. 1 By-
pass at Nottingham Rd.
272 exit. Turn right 1/2 mi.
to Lee's Bridge Rd. 28
mis. S. of Lancaster. By
Order Frederick L.
Reigle, Esq.

SAT. JULY 19 - (72) 1982
Cars. For Michigan
National Bank,
Binghamton, NY
Vilsmeier Auct. Co., Inc

SUN. JULY 20 - 2PM 118
Acre Potato City Motor
Inn Complex, Motel,
Restaurant, Campground,
Sports, Recreation
Facility. Denton Hill
Summit, U.S. Rt. 6
Sweden Twp., 8 mis. E. of
Coudersport, 13 mis. W.
of Galeton, 1/4 mi. to

Potato City Airport, 2 mis.
to Denton Hill Ski Area.
Adjacent to State Forest
Lands, Susquehannock
Hiking Trail, Cross-

Country Ski, Snowmobile,
& ATV Trails. Kenneth A.
Geyer Auct. Co., Inc.

WED. JULY 23 - 5PM
Antiques & HH. Salunga
Fire Hall, 19 Main St.,
Salunga, Lanc. Co., PA.
Terms by: C.L. Campbell &
Leroy E. Smith. T. Glenn &
Timothy G. Horst, Aucts.

THURS. JULY 24 - RD1,
Landisburg, Perry Co.,
PA. Dairy Cow Sale, V. Art

ESTATE AUCTION

1985 AUTOMOBILE, ANTIQUES,
HOUSEHOLD GOODS; LAWN,
GARDEN & SHOP TOOLS

J. RALPH PYLE ESTATE
Gatchelville, York Co., PA

SAT., JULY 12, 1986

at 8:30 A.M.

Sale to be held in the Eureka Fire Hall
along Rt. 24 north of Stewartstown, PA.

AUTOMOBILE

1985 Mercury Marquis V-8, AT, PS, PB, air,
cruise, tilt, PW, PD locks, wire wheel covers,
beautiful red w/ red landau & red velour in-
terior absolutely brand new cond., only 7800
miles. Car to be sold at 12:30 P.M.

ANTIQUES & HOUSEHOLD
GOODS

10 pc. 1930's D.R. suite; 5 pc. B.R. suite; 3 pc.
hard rock maple B.R. suite; soft wood cottage
dresser w/ leaf pulls; soft wood washstand;
oak stands; lg. dove tail blanket chest w/ lock,
key & strap hinges; rope bed; 2 camel bk.
trunks; clothes trees; lg. antique picture
frames; other pictures; Boston rocker; painted
corner cupboard; oak roll top desk; wicker
chair & rocker; plank bottom chairs & rockers;
Duncan Phyfe tilt top table; antique platform
rocker; cedar chest; oval white marble top
table; beautiful old Tiffany type lamp w/
leaded glass shade; oak gingerbread mantle
clock; other old mantle clock; drop leaf table;
sq. oak kitchen table; Coldspot frostless
refrigerator; comb. gas, coal or wood cook
stove; Magnavox 26" color console TV w/
remote, like new; Magnavox port TV; Ken-
more auto washer, used 1 yr.; sweepers; lg.
Early American sofa; platform rockers;
several occ. chairs; corner what-nots; spool
corner what-not; copper lined smoking stand;
tramp art stand; hassocks; wardrobe; wicker
fernery; store baskets; glass butter churn; flat
& sad irons; asst. of crocks of all sizes; jar-
deniers, some w/ blue flowers; agateware;
pitcher & bowl sets; quilts; blankets; dresser
pcs.; 8 pl. set Bavaria china; lot of beautiful
stemware & goblets; etched glass water set w/
handle tumblers; cut glass decanter; lot of
pattern glass; green depression glass; etched
glass; lots of what-nots; bookcase; caster set;
blown glass vases; 3 gal. ES&B crock; milking
stools; iron gypsy pot; glass baskets; kerosene
lamps; mirrors; luggage; elec. fans; radios;
benches; porch chairs & rockers; Comfort Glo
oil heater; mattresses; box springs; lot of good
kettles, pots & pans & roasters; & many other
household items.

LAWN, GARDEN &
SHOP TOOLS

C-145 Wheel Horse 14 HP lawn & garden
tractor w/ 36" rear discharge mower; Turf
Groom 36" lawn sweeper; MF 12 HP hydra-
static lawn tractor & mower; Troy Bilt pony 5
HP roto-tiller, like new; Penney's 8 HP roto-
tiller, brand new; Woods model M-5 3 pt. hook
rotary mower; Wards 3/4 HP port. air com-
pressor; 2000 W generator; shop vac; 2 wheel
lawn trailer; rubber tire wheelbarrow; Shop
Master band saw; 4" Precision jointer; old
drill press w/ motor; Guild 6" power saw; 1/2,
3/8 & 3/4 drills; drop & ext. cords; battery
charger; Craftsman bench grinder; lawn,
garden & hand tools of every descrip.; car-
penter tools; leg vise; garden seeder w/ plates;
garden worker; bag truck; feed scoops; 24 ft.
HD alum. ext. ladder; step ladders; tree
trimmer; tool boxes; wrenches; socket sets;
drums; chains; drag sled; iron posts; chicken
wire; elec. gas pump; lg. asst. of hardware of
all kinds & many other items.

SALE ORDER: Tool sale will begin at 8:30
followed by sm. household articles. Car, Wheel
Horse, lawn & garden tractors at 12:30. Fur-
niture at 1:00.

TERMS: cash or approved check

Co-Administrators:

WILLIAM C. LANIUS

J. ROSS ANDERSON

Co-Administrators

Auctioneers:

Bob & Tom Sechrist

Lic. #820-821

NOT RESPONSIBLE FOR ACCIDENTS

FOOD AVAILABLE

Kling, Owner.

FRI. JULY 25 - 5:30PM

Antiques & HH sold at
every auction. Located off

Rt. 41, Lancaster Turkey
Hill Minit Mkt., cross RR
bridge. Ira Stoltzfus &
Son, Aucts.

PUBLIC AUCTION

SATURDAY, JULY 12, 1986

1:30 P.M.

Located in Juniata Co. at the farm of
Robert Swartz, 2 mi. south of East Salem
just off Rt. 235 and 6 mi. north of Rt. 322
at Thompsonstown. Follow direction signs.

SILOS AND EQUIPMENT

Negley and Miller 16'x60' concrete stave;
Terre Hill 16'x60' concrete stave; 2-Patz 98B
big wheel unloaders; Clay 70' overhead bunk
feeder; Clay 28' single chain feeding elevator
with 1 h.p. elec. motor; Patz 10' single chain
feeding elevator with elec. motor.

MODERN FARM
MACHINERY & RELATED
ITEMS

I.H. 720 forage harvester with elec. controls
adjustable double row belt feed corn head and
6' pickup head; 2-I.H. 110 self-unloading
wagons with I.H. 330 chassis with flotation
tires; Farmall 200, new rubber, fast hitch with 2x14"
plow and 7' sickle bar mower; N.H. 351 portable
grinder/mixer; J.D. 12' drag harrow; N.I. 620
forage blower; Ford WT chassis with 16'
wooden bale rack; 2 Ritchey Livestock
Fountains; 2-18.4x30 used tractor tires; Sidehill
hitch for J.D. B; 2-3' exhaust fans with 1/2 hp.
elec.; approx. 100 board ft. of dried walnut and
75 board ft. cherry lumber.

Few tons of silage and haylage.

Auctioneers Note: All of the above equipment
selling in good condition. Reason for sale, have
decided to liquidate all cattle.

Terms: Cash or Good Check. No Out of State
Checks.

Owners,

ROBERT & DELBERT SWARTZ

Phone 717-463-2553

or 463-3466

Bryan D. Imes, Auct.

Phone: 717-527-2449

AU-001656-L

Not Responsible For Accidents

PUBLIC AUCTION

FARM MACHINERY, TRUCKS,
BUILDING SUPPLIES, TOOLS

The undersigned, having sold his home
and farm, will sell the following personal
property at Public Auction ON THE
PREMISES known as 2540
CONOWINGO ROAD (U.S. RTE. #1), 6
miles north of the Town of Bel Air (north
of Hickory), Third Election District,
Harford County, Md. on

SATURDAY, JULY 19, 1986

AT 10:00 A.M. (EDST)

9N FORD Tractor; FORD Agri-mower - 6 ft.
w/3 pt.; NI Hay Rake; OLIVER Manure
Spreader; MF #50 Baler (PTO); 50 in. TORO
Trojan Mower w/Sulky; Ladders; Doors;
Windows; Building Supplies; Lumber; Con-
struction & Industrial Cleaning Equipment &
Supplies; Scaffolding; Pool Table; Office Safe;
File Cabinets; Tools; some household items;
other misc. and useful items.

TO BE SOLD AT 11:30 A.M.: 1974 INT'L. Pick-
up Truck; 1948 CHEVROLET Pick-up; 1959
TRAILMOBILE 35 ft. Van Trailer; 1976
RYDER Alum. 16 ft. Van Body.

TERMS: CASH or CHECK w/I.D. All items
sold in "as is" condition. Purchasers of Motor
Vehicles responsible for compliance with
Maryland State Inspection Laws.



OWNER,

ROBERT F. KAHOE

2540 Conowingo Road
Bel Air, Maryland
21014

O'NEILL'S AUCTION COMPANY

Springwood Farm

Forest Hill, Md. 21050

301-838-6980/879-4530

Not Responsible For

Accidents on Premises

REFRESHMENTS AVAILABLE-PLENTY OF
PARKING

COMPLETE HOLSTEIN &
FARM MACHINERY AUCTION

76 Hd - Pipeline - Tank - 4240-2640 - Machinery

THURSDAY, JULY 17, 1986 at 10 A.M.

For Robert Storms on Rt. 517 2 mi. S. of Glenwood, N.J. Sussex City.
6 mi. S Pine Island, N.Y. 2 mi. N of Rt. 94, Vernon, N.J. Turn on Sand
Hill Rd. by Vernon Valley Action Park, (Amity-Pine Island sign) continue
to Rt. 517-N to farm. Farm has been sold for development!

10 A.M. A few small items! 10:30 Barn Equip. - Bulk Tank - 630 gal. Sunset Bulk
Tank, DeLaval SS pipeline for 46 hd w/5 units, 6 unit DeLaval pump. Badger 14 ft.
silo unloader, Badger barn cleaner 260 ft. w/elevator. Patz 46 cow barn cleaner
w/elevator C. Clock, 24 ft. silage conveyor. HWH, 23 Jamesway cups, 46 wooden
stanchions.



11:00 A.M. Sharp Tractors - John Deere's 4240 DL w/power shift - 4
post cab - 2880 hrs. Clean, 2640 DL w/2000 hrs. clean, 148 hyd. front
end loader. Forage - JD #3940 chopper w/2 row corn hd. clean, 2-NH
Super 717 choppers 1 row corn & haylage hds, 2-Gehl chuck wagons -
920 and regular, 2-Gehl hopper blowers #99 hi throws, Fox hopper blower, pipe. Hay
Equip. - New Holland - #477 haybine 7 ft., #451 - 3 Pth - 7 ft. mower, #256 rake,
#273 baler w/thrower, 36 ft. tub elevator, Grimm hay tedder, 3 Kicker Hay Wagons
Farm Bilt metal 18 ft. like new, plus 16 and 14 ft. metal wagons. Tillage & Planters -
AC - 4 row no till corn planter, Glenco 7 ft. chisel plow, Overum 4 btm semi mtd. auto
reset plow, JD-AW - 10 ft. hyd. disc, land roller, Spr. harrow, Herd 3 Pth. seeder, 3
Pth. sprayer, JD #40-PTO manure spreader w/gate, Old Corn Binder, Snow Plow for
148 ldr. Most items late model in good condition!

1 P.M. - 76 Holsteins - 37 mature cows w/around 18 hd. fresh recently or due to
freshen shortly, balance bred for year around. Off of DHIA for 2 years, but did have a
herd average of 15,500 milk with 550 fat. 26 years of consistant Eastern Breeding!
Many big cows will be found here! 39-Heifers 7 Close or showing, balance from short
yearlings to short bred heifers. Cattle Pregnancy examined! 30 Day T.B. & Blood
Tested for interstate shipment! Plan now to attend this Sale it will Pay NOT COST!
Lunch!

Terms - N.J. Res. Cash or Good Check w/proper ID paid in Full Sale Day! Out of
State Buyers - Cash or Guaranteed Funds or Current Bank Letter of Credit Stating
amount you can spend up to on July 17, 1986 Storms Sale.

Owner **ROBERT STORMS**

201-764-4713

Sale Conducted By: Col. Fred R. Daniel Auctioneers INC.

Neshanic Sta., N.J. 201-369-4784

A Full Service Auction Co.

PUBLIC AUCTION

SATURDAY, JULY 12, 1986

9:00 A.M.

747 Village Road, West of Lampeter, Lancaster Co.

Selling Home & Contents

4 Bedrm. Brick Home, Barn and Garage on 5 Acres.

William M. Musser, Jr., Atty. Call Auctioneers to inspect Real Estate and for detailed brochure.

Owners,
**CLYDE CAMPBELL and
RUTH L. KELLER**

AUCTIONEERS:

Claude F. Bechtold AU 02176-L

(717) 397-9240

Harold K. Keller

(717) 653-8871

AUCTION

JULY 12, 1986 9:00 A.M.

**REAL ESTATE-HOUSEHOLD GOODS-
ANTIQUES-GLASSWARE-TOOLS**

Location: Station Road - Grantville, PA East Hanover Township, Dauphin County. Former location of Bill Warner's Cabinet Shop, Exit 28 (Grantville) off of I-81, turn left onto Station road at Holiday Inn. From Hershey go approx. 7 miles north on Hwy 743 to Holiday inn, turn on Station road, go 1/4 mile to the first house on right. For more information call:

BEN NOLT, AUCTIONEER
717-469-7517

Household Goods, Furniture, Antiques, Tools Music cabinet school desk chair two organ stools carrom board 50 year old croquette set Aladdin Lamp Dutch cupboard Italian beadspread walnut marble top washstand walnut drop leaf table square walnut stand walnut stool bread box 1 5 gal crock 1 8 gal crock walnut bed walnut cane seat chair two brass globe lamps slatted bench sewing cabinet magazine rack (walnut) coat rack portable washing machine & wringer papering board (75 years old) oak washstand oak chest of drawers two piano organs wallpaper trimmer corn sheller grain cradle 5 gal cream can Winkler Furnace Burner corn planter parlor pump organ Spang Electrified Walnut Pump Organ Dentist Light quilting frame assorted figurines and glassware oil lamps Cobalt Blue items china (Bavaria Germany Hall etc.) cooking ware Tappan Elec Range TV Stand oak chair Kenmore Sewing Machine walnut coffee table Bar B Q Grill 16 cu ft upright freezer (like new) ice cream freezer dehumidifier desk chair 16 mm movie projector storage cupboard wicker stool Picnic table with benches large mouth canning jars 4 walnut chairs oak gun cabinet dining room table & 6 chairs (contemporary) Litton Microwave Lady Kenmore Dryer Cold Spot Refrigerator corner desk Motorola console color TV with remote control Panasonic B/W Portable TV round wicker chair & stool 2 brass floor lamps walnut stand end stand 4 piece set porch furniture flower stands pictures mirror curio cabinet plant stand step stool electric broom MANY OLDER CHILDRENS BOOKS Louis L Amour paperbacks steel work bench 4 vise 1/4 drill small electric fan electric heater home & shop Vac blacksmith vise two load binders rope blocks & tackle fence stretcher log chair stickles Wood Splitter McCulloch model 99 chain saw (2 man 36 cut) 6 machinist vise 12 drawer file cabinet 2 4 drawer file cabinets work bench 12 Belsaw Planer/Molder 5 H.P. motor 14 Delta Band Saw 24 Craftsman Jig Saw American Wood or Metal Lathe 60 Bed 10 Craftsman Table Saw Homcraft wood shaper drill press angle vise Mortising chisel housing Mortising chisels & bits drill press 2 way cross slide vise belt disc sander Craftsman direct drive miter saw hand truck Craftsman 6 bench grinder electric arc welder Craftsman 6 sander grinder wheel balancer blow torch Craftsman 7 circular saw Craftsman 6 sander with case Craftsman dual motion pad sander with dust collector Craftsman 4 belt sander with dust bag 60 gal tank vertical air compressor (2 stage 1 H.P.) Craftsman twin cylinder tank type paint sprayer anvil 6 stroke sander with table McCulloch model 610 chain saw 6 H.P. garden tiller planter single shovel garden plow lawn roller 14 H.P. Bolens lawn tractor with mower snow blower tiller blade lawn sweeper & tractor cab rubber tires wheel barrow adding machine grind stone 2 5 ton jack stands 1 1/4 ton floor jack old blacksmith tools large auger bits hammers Maulls hog holders rasps saws hay knife wrenches wedges wood planes wire stretcher buggy weight 50# scale test wt old tool box bar clamps fence tools window gas heating stove jet water pump fence wire shingles tree trimmer 20 bike Mel Bays guitar & case Baritone Uke and more

Lumber (walnut cherry & birch)
Toys Tractors (Massey Ferguson 8N Ford Allis Chalmers Mc Cormick Deering John Deere Farmall International) Tonka Toys Texaco Gas Pump Wagons Car and more
Guns Remington 30 06 mod 760 w/variable scope Steven double barrel 16G shotgun

THERE ARE MANY MORE ITEMS TO NUMEROUS TO LIST THIS IS ONE AUCTION YOU WILL NOT WANT TO MISS

Real Estate 1 00 P M

SELLERS RESERVE THE RIGHT TO
REJECT ALL BIDS

Personal Property (Household Goods, etc.)

SELLING WITHOUT RESERVE

SELLING AS IS Announcements day of auction take precedence Inspection day of sale or by appointment only Any sale use or transfer taxes to be paid by successful bidder

CASH, CASHIERS CHECK OR
TRAVELERS CHECKS ACCEPTABLE
PERSONAL CHECKS ONLY WITH
APPROVAL OF AUCTIONEERS

Terms and Conditions by:

MR. & MRS. WILLIAM WARNER,
RD #1, Grantville, PA

Property shown by appointment only:

Call Ben Nolt, Auctioneer:

717-469-7517

Auctioneer: Ben Nolt, Jr.

(PA. LIC. #AU-000206-L)

717-469-7517 717-564-1600

R.D. #1, Box 4670, Grantville, PA

Roger L. Myers - Jonestown, PA.

Attorney for Sellers:

Jon Yost, Hershey, PA

Selling Under The Tent

Not Responsible for Accidents-
Theft Injury Or Loss

Food Available Day of Auction

Hershey Gymnastics- Happy Parents Assoc

Bring your lawn chairs-

Come Catch Auction Fever-SEE YOU THERE!

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

PUBLIC AUCTION

SATURDAY, JULY 26, 1986

at 9:00 A.M.

Lower Northumberland County in Snowdale Valley; 20 miles SE of Sunbury; 50 miles NE of Harrisburg; between LECK KILL and KLINGERSTOWN; take Klingerstown to Pitman road and turn North at 1st macadam road about 2 miles East of Klingerstown go past USDA buildings (watch for auction signs the day of sale)

FARM EQUIPMENT

Ford 800 Tractor, good condition, Sauders Loader, Farmall H Tractor, good rubber, 3-Pt Cultivator, 3-Pt Ferguson 14" 2-Bottom Plow, 3-Pt Ford 309 2-Row Planter, N H PTO 66 Baler, M F 110 Manure Spreader, good condition, 3-Pt N I Spinner Spreader, 3 Pt Carrier, 3-Pt Crane, N H Wagon w/Dump & Grain Sides, N I 5' Rotary Cutter, 3-Pt Ferguson 7' Sickle Mower, 7' Disk, Cultipacker, Traction-drive Potato Digger, good condition, Farm Trailer, 2-Row Farquhar Planter, JD 13-Disk Drill, Dearborn Single Row Corn Picker, 3-Section Harrow, 4" Grain Auger, 24' King Wyse Bale & Grain Elevator, Dump Rake, Int Side Delivery Rake, Century Weed Sprayer, 7' Snow Blade, Small Trailer w/Model T Fenders, Buck Saw, Potato Plow, PTO ONAN 15,000W ALTERNATOR ON WHEELS, Pig Feeder, Platform Scale, Hand Trucks, Burlap Bags, Poultry Plucker, Egg Grader, Brooder Stoves, Chicken Feeders, Nests, Crates & Fencing, Egg Baskets, Corn Sheller, Electric Fender, Fence Posts & Stakes, Garden Tools, Wooden Ladders, Misc Lumber & Roof Tin, Log & Tractor Chains, Load Binders, Plastic Pipe, Wrenches, Lot Carpenter Tools, (2) Sausage Stuffers, Meat Grinder, Meat Genches, Harness, Metal Drums, Firewood, Homelite XL2 Chain Saw, Ladder Jacks, Fruit Baskets & Berry Crates 25 Laying Hens, etc 10-Ton Hay & 8 Ton Straw to be sold in bulk lots

ANTIQUES & COLLECTIBLES

HIGH BACK SOFT WOOD DRY SINK in excellent condition, Cherry Gate Leg Table, Lg & Sm Dovetailed Blanket Chests, Empire Chest of Drawers, Square & Round OAK TABLES W/CLAW FEET, Windsor Parlor Organ w/Fancy Top, (2) Drop Leaf Tables, 3 Pc Oak Bedroom Suite, several ROPE BEDS Iron Bed w/Brass, TAVERN TABLE, Spinning Wheel, FLOUR CHEST W/DOUGH TRAY, (2) Dough Boxes, Early Cupboard, Trunks, (2) Wood Chests, (2) DECORATED PLANK ROCKERS, Cradle, 8-Day Shelf Clock w/Calendar Face, CHILD'S TRAMP ART BUREAU, nice, oak Rockers & Slat Back Chairs, Clothes Tree, Deed Boxes, Wooden Medicine Cabinet, White Treadle Sewing Machine in Oak Case, Household Treadle Sewing Machine, Plank Bottom Chairs, Arrow Back Rocker Cuckoo Clock, SUPER HETERODYNE 11 CONSOLE RADIO Kerosene Lights, Picture Frames, N Currier Print "Martha", Hope Parlor Stove, Organ Stool, Coffee Grinders, Lot CROCKS some decorated & signed "Sipe Nichols & Co, Williamsport", Redware Crock, Jugs Cast Iron Griddle, Teapot & Gypsy Kettle, Apple Peeler, Cherry Seeder, Shoe Last, STRAW BEEHIVE, nice, Lg & Sm SPLINT BASKETS, RYE BASKETS, Sad & Flat Irons, Beam Scale, Brass Bucket, Wooden Spigots & Stumper, Washboard, BUTCHER KETTLE, Meat Hooks, Early Meat Grinder & Lard Press, Butcher Forks & Ladles, nice WOODEN PUMP, Benches, Huckster Scale, Wooden Wheelbarrow, Coal Buckets, nice Panelled Doors w/Old Hardware, COVERLET dated 1850 signed "made for JOHN SEIBERT, LOWHILL T LEHIGH CO PA", nice Quilts Pillow Tops, Early Spreads, Fancy Bustle Back Dress, etc, Strip Carpet, Horse Plow & Cultivator, Antique Car Lights, Wooden Rake, Pulleys, Bucket & Measures, Steelyard, Cream Separator Barrels, Barn & PRR Lanterns, Skaters Lantern, Wooden Tubs, Copper Dipper, Advertising Cards, POST CARDS, Tin type Photos, Hat Pins, Marbles Carnival Glass, IRONSTONE CHINA, Pressed & Pattern Glass DISHES, Candy Jar, Butter Mold, Lot TINWARE, Coffee Pots, Lunch Pails, etc, License Plates, WOODEN SALT BOX, Tool Boxes & Trays, TOOLS including Stanley #190 Plane, Bailey #3 Plane, Slick, Adz, Augers, etc, Grain Sickle, Horse Collar & Fly Net, Early Balance Scale, Day Bed, many, many other items not listed

OTHER PERSONAL PROPERTY including, Zenith Color TV Chest Freezer, Cedar Wardrobe Chest of Drawers, Music Cabinet, Wooden & Metal Cribs Dishes, Cooking Utensils Books Coal Chute Metal Tubs Lawn Roller & Mowers etc

1986 CHEVROLET PICKUP TRUCK
Farm Equipment will be sold first.

LAURA A. KLINGER, Owner
(717) 425-3313

DEIBERT

Mike, Auctioneer

AU1599-L

George, Realtor & Auctioneer

AU209-L

Lunch Available

FRI. JULY 25 - 11AM
Harsue Registered
Holstein Herd & Eq.
Dispersal, Whitesville,
NY, Allegany Co. Harvey
Stebbins, Owner, 607-
356-3452. Pirrung Auctions.

FRI. JULY 25 - Line Eq.,
Service & Pickup Trucks,
Vans, Cars, Trailers. For:
Bell Telephone Co. of PA,

Camp Hill, PA. Vilsmeier
Auct. Co., Inc.

SAT. JUNE 21 & 28 and
JULY 19 & 26 - Large 4
Day Sale. 9AM til 4PM ea.
day. Antiques, Glassware
of all kinds, Furniture,
Guns, Tools & Cedar
Lumber. Located 303
corner Front & Lewis
Streets, Lewisberry, PA.
Traveling on I-83 from

Lancaster Farming Saturday, July 5, 1986-025

Harrisburg, PA, use Exit
15 go S. on Rt. 177 to the
Borough of Lewisberry,
PA. From York, PA, go N.
on I-83 use Exit 13 go W.
on Rt. 382 to blinking light
turn right go one block,
turn left to sale. Doc. G.E.
Hetrick, Owner. Little IKE
Eichelberger, Auct.

THURS. & SAT. JULY 24 &
26 - 6PM & 9AM
Respectively. Two Day
Liquidation of Real Estate/
Business & Personal
Property. Located 110 S.
Fourth St., along Rt. 147
in Borough of Halifax, PA.
James & Geraldine
Novesal, Owners. Ed
Shoop & Dave Deibler,
Aucts.

SAT. JULY 26 - 11AM
Horse Sale at Keister's
Middletown Auction,
along Rt. 522, Mid-
dleburg, PA.

SAT. JULY 26 - 10AM Hay
Sale On PA Rt. 24 be-
tween Stewartstown &
Ngw Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

SAT. JULY 26 - 9AM Farm
Eq., Antiques, Collec-
tibles. Lower Nor-
thumberland Co. in
Snowdale Valley; 20 mis.
SE of Sunbury; 50 mis. NE
of Harrisburg, between
Leck Kill and Klinger-
stown; take Klingerstown
to Pitman Rd. and turn N.
at 1st macadam road
about 2 mis. E. of
Klingerstown go past
USDA buildings. Laura A.
Klinger, Owners. Mike &
George Deibert, Aucts.

SAT. JULY 26 - 9AM Real
Estate, Antiques, HH. 40
E. Lincoln Ave., Lititz.
Terms by: Kathryn M.
Furlow Estate. T Glenn &
Timothy G. Horst, Aucts.

SAT. JULY 26 - Aerial
Lifts, Van Body Trucks,
Pickups, Vans, Cars, Misc.
For: Bell Telephone Co. of
PA, Youngwood, PA
Vilsmeier Auct. Co., Inc.

SAT. JULY 26 - 8:30AM
Real Estate, Antiques,
Collectibles. Turn off Rt.
35 in Borough of
Freeburg, PA, Snyder Co.,
onto Water Street (White
Top Road) and continue N.
2 1/2 mi. to T.V. Tower Rd.
or turn off Rt. 522 at
Keister's Middleburg
Auction onto White Top
Rd. and travel S. for 2 mi.
to T.V. Tower Rd., take
T.V. Tower Rd. 1/4 mi. to
auction site. Owners
Donald W. & Gloria G
Longacre. Dale L
Longacre Auctioneering.

MON. JULY 28 - 9AM
Early Furniture, Hand-
made Stencils, Antiques &
Collectibles Located 112
W. Andrew St., Lancaster,
PA. Terms by: J.R.
Wibberley. T. Glenn &
Timothy G. Horst, Aucts

WED. JULY 30 - 5PM
Collectibles, HH. Located
along Rt. 272 at Swartz-
ville, between Ephrata &
Reading. Terms by
Bertram R Leroy Estate.
T Glenn & Timothy G
Horst, Aucts

AUGUST

FRI AUG 1 - 9AM Farm
Eq. New Holland Sales
Stables, Inc., New
Holland, PA.

FRI. AUG. 1 - 5:30PM Gap
Auction, Antiques & HH
sold at every auction.
Located off Rt. 41,
Lancaster Turkey Hill
Mint Mkt., cross RR
bridge. Ira Stoltzfus &
Son, Aucts.

FRI. AUG. 1 - 11AM, Bred
and Open Heifer Dispersal
for Thunder Mountain
Ranch and Mr. & Mrs.
Rodney Hershey at
Ulysses, Potter Co., PA
Jerry Pirrung Sales,
Ulysses, PA., Mgr

SAT AUG. 2 - 10AM Flea
Market On PA Rt. 24
between Stewartstown &
New Park York Co
Livestock Sales Ltd Stan
& Mary Nagle, Owners

TUES AUG. 5 - 2PM 17 5
acres M/L Farm Located
corner of Diamond Station
Rd and Peach Rd., W
Earl Twp. Lanc Co, PA
Rt 272 turn E onto Main
St in Akron Continue E
on Main St Turn right
onto Diamond St Con-
tinue to Farm Terms by
Mrs. Amos Z Hoover and
Mary M. Hoover. T. Glenn
& Timothy G. Horst, Aucts.

LITITZ AREA MENNONITE SCHOOL 9th ANNUAL

BENEFIT AUCTION

SATURDAY, JULY 12, 1986

AUCTION TIME: 9:00 A.M.

LOCATION: Take Route 501 North from
Lititz to Newport Road, turn right ap-
prox. 2 miles to school on right. Warwick
Twp., Lancaster County, PA.

STONE MILL SCENE

25"x49" - 3 DIMENSIONAL HANDCRAFTED
PAINING BY ZOOK'S ART STUDIO,
MYERSTOWN, PA.

TO BE SOLD AT APPROX. 1:00 P.M.

TWENTY PLUS QUILTS

Dresden Plate, Triple Irish Chain, Autumn
Shadow, None Such, Rail Fence, Cross-Stitch,
Colonial Star, Distelfink, Giant Dahlia,
Comforters; Oil Painting Of Lititz School; Wall
Hangings.

COLLECTIBLES

HUMMELS: 1986 Plate; 1986 Miniature
Plate; 1985 Anniversary Plate; FIGURINES:
HEAVENLY ANGEL, GLOBE TROTTER,
Hear Ye, Hear Ye, Meditation; 1979, 1981 Bells;
NORMAN ROCKWELL: 2 Baby's First Step,
Summer Fun, Dreams In The Antique Shop,
Little Mother, Bedtime Prayers, Vacation's
Over, Drummer's Friend, Country Drive,
Mother's Little Helper, Miguel Paredes Plate;
American Bird Collection Figurines; 7 Piece
Water Set; Musical Doll; Capodimonte Roses;
Clear Westmoreland Dish; Napoleon Rose;
Bisque Cornical Clown; Child's China Tea Set;
Germany Crystal Dish; White Fenton Dish;
Shirley Temple Figurines.

NEW ITEMS INCLUDE

2 AIR TIRE EXPRESS WAGONS

BOLENS SELF-PROPELLED LAWN
MOWERS; ECHO String Trimmer; 10 Speed
Bicycle; Two 19 Cu. Ft. FREEZERS;
EMERSON 5,000 B.T.U. Air Conditioner;
HOTPOINT Microwave Oven; 2 Piece Living
Room Suite; Upholstered Chair; Lamps;
Tables; Velour Swivel Rocker; Brass Clothes
Tree; 2 Pedal Tractors; 2 Ton Floor Jack; Auto
Supplies; Bucycle Acces.; Wheelbarrow; Log
Splitter; Lawn Dump Cart; Battery Charger;
Flashlights; Paint & Stains; Garden Seeder;
Baler Twine; Lot Of Tools; Oil; Come-A-Long;
Dust Buster; WOODEN HANDCRAFTED
TRACTOR TRAILER w/Reefer, Made By
SAM MARTIN; Wooden Train Set By RALPH
MOHLER; Wooden Items By The Late DAVID
NISSLEY; TOY TRACTORS & EQUIPMENT,
Some Collector's Editions; Oak Wheelbarrow;
MEAT PRODUCTS - POULTRY - EGGS -
FRUIT TRAYS Trees; Shrubby; Hanging
Plants; Baked Items; Dog Food; Horse Feed;
Rabbit Pellets; TRUCK LOADS Of Stone;
Hay; 100 Gal. Fuel Oil; CERTIFICATES
FROM VARIOUS BUSINESSES, Including two
1/2 Hour Plane Rides.

USED ITEMS

Bolens Mower; Push Mower; Leaf Vacuum;
Camper Top For Pick-Up; Sleeps 4; Bicycle;
Door Latches & Locks; Child's Platform
Rocker.

1976 DODGE MAXI-VAN

A.T., Dual Air, 360 Engine, 12 Passenger.

AUCTION BY:

LITITZ AREA MENNONITE SCHOOL

PHONE 717-626-9551

AUCTIONEERS:

John D. Stauffer AU-001509-L

Elvin Siegert

Merle Eberly

Paul E. Martin AU-001601-L

Aaron E. Martin

Vernon Martin

NOTE: Any patron or friends of the school
wanting to donate items for this auction please
contact one of the following: Ernest Stauffer,
717-733-3763; Robert Garman, 717-627-0555; or
Galen Yoder, 717-738-4241.

Come early and have an omelet breakfast
from 6:00 to 9:00 A.M.; for lunch, roast pork
sandwiches, salad & fruit bar, ice cream pies,
cakes, sundaes, baked goods stand.

AUCTION HELD IN TENT. BRING A LAWN
CHAIR AND PLAN TO STAY ALL DAY.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

WED. THURS. FRI. AUG. 6:7-8 - Three Day Sale of Farm Equip. Located at Marion, PA. just East off Rt. 81. Ralph W. Horst, Manager, Marion, PA.

FRI. AUG. 8 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81. 717-249-4511.

FRI. AUG. 8 - 6PM Name Brand Saddle and Tack. Rimwood Farm, Rt. 1, Strattanville, PA. Dave Stahlman, Kevin Hines, Chris Rowe.

FRI. AUG. 8 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctions.

SAT. AUG. 9 - 12 Noon 7th Annual Prince Plaudit Production Appaloosa Sale. Rimwood Farm, Rt. 1, Strattanville, PA. Dave Stahlman.

SAT. AUG. 9 - 10AM Hay Sale on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales, Ltd. Stan & Mary Nagle, Owners.

TUES. AUG. 12 - 2PM 245 Acre Dairy Farm. 1.4 mi. E. of Canton, Bradford Co., PA. Go E. at traffic light in Canton on Rt. 414, 1.4 mi. to Pratts Mill Rd. and turn right to T. Turn left to farm approx. 1 mi. on right. By: Larry B. & Beverly H. Wright. Sanford G. Leaman Auction Serv.

FRI. AUG. 15 - 6:30PM Feeder Pig & Feeder Cattle Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

FRI. AUG. 15 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctions.

SAT. AUG. 16 - 9AM Annual Consignment Sale at Little Kutztown Community Fire Co., 1 mi. N. of Myerstown, on Rt. 645. Local Auctioneers. Henry Brubaker, Chairman.

SAT. AUG. 16 - 10AM Flea Market on PA Rt. 24 between Stewartstown and New Park York Co. Livestock Sales Ltd Stan & Mary Nagle, Owners

SAT. AUG. 16 - 9AM 18th Annual Community Sale at the Leesport Auction Grounds, Rt. 61 N. of Reading Farm Eq. HH Goods. By Berks Co Pomona Grange. 7 Local Auctions.

MON. AUG. 18 - 6PM Farm Eq. & Related Items. Located in Cumberland Co. near Boiling Springs at Craighead. Owner June K. Otto. Foreman, Auct.

WED. AUG. 20 - Evening Sale of New & Used Parts, Motors, etc. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & Son & B. Rentzel, Auctions.

THURS. AUG. 21 - Elverson, PA. Wilmer and Mark Kraybill Dispersal. Leon Kurtz, Auct. Dale Hoover, Pedigrees, Lebanon, PA, Mgrs.

THURS. AUG. 21 - Complete Eq. Liquidation

of Construction & Concrete Eq., Concrete Forms, Trucks, Trailers, Contractors & Shop Tools. For: John B. Pike & Son., Rochester, NY. Vilsmeier Auct. Co., Inc.

FRI. AUG. 22 - 5:30PM Gap Auction Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctions.

SAT. AUG. 23 - 10AM Hay Sale on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. AUG. 29 - 7:00 Lebanon Co. Holstein Club, 50 head holsteins, Lebanon Area Fairgrounds. Harry H. Bachman, Auct.

SAT. AUG. 30 - 11AM Horse Sale Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

SAT. AUG. 30 - 10AM Flea Market on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales, Ltd. Stan & Mary Nagle, Owners

SAT. AUG. 30 - 10AM Consignment Sale of Used or Antique Tractors and Machinery. Williams Grove Historical Steam Engine Assoc., 10 mi. S. of Harrisburg, off Rt. 15 or 74 I-81 Exit 15. South Exit 18. Turnpike Exit 17.

SEPTEMBER

MON. SEPT. 1 - 9AM Farmersville Auction, Farmersville, 3 mi. E. of Brownstown, Lanc. Co., PA.

MON. SEPT. 1 - Light Farm Eq. for Harvey & Mary Wanger. Along Rt. 501 in the village of Reistville, Leb. Co. Auct. G. Harvey Weik.

FRI. SEPT. 5 - 7PM Horse Sale. New Holland Sales Stables, Inc., New

Holland, PA.

FRI. SEPT. 5 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41.

Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctions.

FRI. SEPT. 5 - 9AM Fall

Consignment Sale of All Livestock Mkt., Belleville, PA. Belleville Livestock Tools. At the Belleville Mkt., Inc.

PUBLIC AUCTION

COMPLETE LIQUIDATION BY ORDER OF SECURED CREDITORS MOUNTVILLE WALLPAPER CO. SATURDAY, JULY 12, 1986

AT 9:00 A.M.

Located in Mountville, Pa., just East of Columbia, Pa., off Route 30, take Rt. 462 to Fridy Avenue to plant. Watch for signs day of Auction.

WALLPAPER MANUFACTURING MACHINERY

11 Waldron Embossing Machines 24" & 30" Widths 2 roll Pressure Type, Waldron Wallpaper Pre-paste Unit 120' Length w/Dust Collector & Dryer, 2 Flock Machines 30" x 40" Diameter w/Vibrator Rolls and 30' Long Conveyor w/Quartz Lights, 8 Waldron Reelers 24" Widths, Marres-Ford Rolling Machine, 2 Waldron 30" Print Machines, 9 Paint Tanks 42" - 60" Diameter w/Gear Agitators, Big H 10 hp Dispenser/Mixer, 6 Mix Tanks, Independent Grounding/Coating Machine w/Airco Steam Heater 120" w/Ductwork, Mehl Cellophane Wrapping Machine, Challenge Paper Cutter 30" Width, Tension Stands Roller Type, 4 Waldron 8/12 Color Printing Machines 200' Length w/Conveyors, Take Up Rolls & Complete Frames, U.S. Packaging Cellophane Machine Model MA-3000, 5 Perforator/Slitter Machines, Infrared Drying Tunnel, Exhaust Collection System 6" Lines w/Vacuum Units & Hopper, Waldron 24" Air Knives, Columbia Label Printer Model AID-3, Wire Stitcher, Acme Stapler H12P, Hundreds of Spare Parts for the Above Equipment.

SPECIAL ITEM

8,000 Aluminum Alloy Print Rolls for Wallpaper Patterns!!

MISC. MACHINERY & EQUIP.

15 hp Ingersoll-Rand Model 10-T Air Compressor, 15 hp Ingersoll-Rand Model 71-TD Air Compressor, Wrightway 1/4 Ton Electric Chain Hoist, Economy Baler 24"x42"x48", Reed Prentice Conehead Lathe 16" Swing 6' Bed Jackshaft & Motor Drive, Polishing Lathe for Print Rolls, U.S. Machinery Milling Machine 24"x7" Table, DeWalt Radial Arm Saw Model 740, Delta Drill Press, Stanley Router, Rockwell 1/2 hp 6" Grinder, Clark 1,000 lb. Cap. Pallet Jack, Big Joe 1,500 lb. Pallet Jack, Waste Water Pumps, 2 Riding Mowers, Many Lots of Small Tools & Related Parts.

FINISHED PRODUCT INVENTORY

Approx. 100,000 Rolls of Wallpaper & Borders to be sold in Case Lots by Pattern & Stock No. - All Types - Flocks, Prints, Commercial & Residential Papers, 5,000 Cardboard Packing Boxes, Several Rolls of Raw Paper Material, Plastic Wrap and Related Items.

OFFICE FURNITURE & EQUIP.

Sharp Model SR-741 Copier, 3 IBM Electric Typewriters, 5 Electronic Calculators, 5 Office Desks, 7 Office Chairs, Nine 4 Drawer File Cabinets, 2 Single Door Floor Safes, 4 Double Door Storage Cabinets, Conference Table, Fire Proof File, Folding Chairs, Time Clock, Typewriter Stands, Check Writer, Supplies, Etc.

PLANT FURNITURE & EQUIP.

15 Workbenches, 250' Shelving, 11 Stock Racks, Ladders, 8 Barrel Trucks, Platform Trucks, Steel Lockers, Desks, Chairs, Barrel Pumps, Fire Extinguishers, Scales, Stools, Cabinets, Dispensers, Hundreds Other Items.

INSPECTION: Friday, July 11, 1986 9:00 A.M.-5:00 P.M. REMOVAL: All Items Must be Removed by July 31, 1986. TERMS: All Checks Must be Accompanied by Bank Letter of Guarantee. Out of State Checks Accepted with Guaranteed Funds Only. Complete Payment in Full Day of Auction, No Exceptions. All Items Sell "AS-IS" - Without Warranty. Sellers Reserve Right to Accept a Bulk Bid at Auction Prior to Piecemeal Auction, Day of Sale.

AUCTIONEERS NOTE: This is a Complete Manufacturing Facility for Wallpaper Products. The Inventory, Equipment & Furniture is too Numerous to List All. This Is An Auction You Will Want to Attend If You Desire This Type of Product. For Additional Info Contact Auction Co.

Auction Ordered By PENNSYLVANIA DEVELOPMENT CREDIT CO U.S. SMALL BUSINESS ADMINISTRATION



KERRY PAE
AUCTIONEERS

4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

AU-1367

BRING CHAIRS PUBLIC RAIN OR SHINE!

"ABSOLUTE" FARM AUCTION SATURDAY, JULY 12, 1986 10:00 A.M. "SHARP"

40 ACRE FARM 2 RIFLES

R.D. #2 - Shickshinny, PA

From U.S. Rt. 11 - Turn at Hunlock Creek Road. Go about 11 miles. Keep going towards Red Rock. Turn at large silo. Go until you come to Broadway Corners. Turn at Broadway General Store. Sale is 1 1/2 miles from store.

WATCH FOR AUCTION SIGNS!

REAL ESTATE - FARM EQUIPMENT HOUSEHOLD

High Pressure Washer - poor; 2-70 White Tractor - good, good 508 White Plows - McConnell 16 ft. Harrows - good, Ontario Grain Drill, 12 Hole Hog Feeder - good, Round Metal Hog Feeder, Tank Manure Spreader, 12 Ferring Hog Crates, Herd Broadcaster - Mod. 750, Massey Ferguson 7 ft. Mower, Schnartz Loader (bad bucket), 543 White Planter (plate type) - good, Snowmobile (for parts), 3 Point Hitch Central Tractor Sprayer - fair (no pump), Scrap, Some Tools, New Idea Corn Picker - poor condition, Auto Water Barrel, 2 Round 1200 Bushel Corn Cribs - good, 3 Pt. Hitch Woods Bush Hog Mower - poor, 1975 Chevrolet Pickup - poor, 1968 Dodge Flatbed with dual wheels - good rubber - fair condition, 275 gallon Oil Tank, 2-350 Gravity Wagons - good, John Deere 60 Tractor with New Idea Corn Picker - poor condition, Rotary Lawn Mower - poor, Kitchen Table & Chairs, Silverware, Ashley Wood Stove, Upholstered Sofa & Chairs, old Refrigerator - works good, 3 Room Stands, 3 Table Lamps, set of World Books, 4 pc. Bedroom Suite, Bunk Beds, Chest Freezer, Electric Vacuum Cleaner, Automatic Washer, Electric Dryer, Dishes, Pots, Pans, etc., Upright Piano, 30" Gas Stove, Winchester Model 94 - 30-30, Winchester 22 Cal. Rifle, other items not listed.

REAL ESTATE - 11:30 A.M.

40 Acre Farm, 8 acres woods, 5 room frame home & bath, a few outbuildings 30x40 barn, good farm land. A little fixing up and this could be your place. Come and take a look. Nice private setting.

STATEMENTS MADE DAY OF SALE TAKE PRECEDENCE OVER PREVIOUSLY WRITTEN MATERIAL. OWNER OR AUCTIONEER NOT RESPONSIBLE FOR ACCIDENTS. MANY ITEMS TOO NUMEROUS TO MENTION!

REAL ESTATE TERMS: \$5,000 DOWN DAY OF SALE, BALANCE IN 30 DAYS OR UPON RECEIVING CLEAR DEED. BUYER PAYS ALL TRANSFER TAX. PROPERTY TAX PRO-RATED BETWEEN BUYER & SELLER. PERSONAL PROPERTY TERMS OF SALE: CASH.

Sellers:

MARY LOU FERRY
WILLIAM FERRY, JR.

NEVIUS AUCTION SERVICE
Box 187, Mifflinville, Pa. 18631
Phone 752-4214
AUCTIONEERS - LICENSED & BONDED
A Complete Auction Service
DAN NEVIUS
AU-000-679-L Ph. 752-4214

PUBLIC SALE OF FARM EQUIPMENT

LOCATED 2 1/2 miles north of Route 522 on Route 475 1 1/2 miles east of Hustontown on Route 475 near Exit 13 of the Pa Turnpike Watch for signs FRIDAY, JULY 11, 1986 - 6:00 P.M.

EQUIPMENT: Tractors of various sizes and models, some with Loaders and Equipment including International, John Deere, Case, Ford, Massey Ferguson and others Expecting several larger Tractors in JD & IH

Grain Drills, Buzz Saws, 3-Bottom Plows, John Deere Harrow, 1 H Semi-Mount 16" 4-Bottom, Ford 2-Bottom Plows, 1 H 3-Bottom Plows, John Deere Disk, 2 & 4-row 1 H Corn Planters, John Deere Planters, New Idea Corn Pickers, Spin Spreaders, Tractors, Tools - New and Used, Tractor & Mounted Corn Pickers, Lumber, Grain Bins, Weights, Wood Saws, Blades, Elevators, Mowers, Haybines, Wagons, Trailer Plows, Rakes, Cultivators, Drag Disk, Power Tools, Parts Tractors, Posts

GLENER E-3 - Combine with Cab, 1850 OLIVER DIESEL TRACTOR - with 3 pt. Dual Outlets, 70% Rubber, Wide Front, INTERNATIONAL 656 DIESEL TRACTOR - with Wide Front, 80% Rubber. OTHER EQUIPMENT: Ford Semi-Mount, 5-Bottom, 16" Plow, International 4-Bottom, 16" Plow, International 12-ft Field Cultivator, International 12-ft Spring Tooth Harrow, Oliver 11-ft Transport Disk, 10-ft Transport Disk, Pay-Peck Grinder-Mixer, New Holland 850 Round Baler, Extra Clean, New Idea 402 5-Bar Rake, Gehl Self-Unloading Wagon, Flail Chopper, 323 New Idea Picker, Gravity Wagon, International 100 Semi-Mount Mower, Grain Drill

• General run of Farm Equipment. • Other pieces too numerous to mention. • All of the above equipment is from one lot, has been well-maintained, and is in good condition.

Something for Everybody

TERMS: Cash and Good Checks. I.D. Required for Bidder's Number. Lunch at Sale. Not Responsible for Accidents.

This is our first Evening Sale!
Very little small stuff

THOMAS TAYLOR, Sales Manager- Hustontown, Pa (717) 987-3761

HORST-GOSSERT, RENCIL & SON- Auctioneers, AU-000437-L

FARMERS & DEALERS: Bring in you equipment for this sale and convert it to CASH!

PUBLIC AUCTION

INVENTORY SALE OF NINEPOINTS FARM STORE

SATURDAY, JULY 12, 1986 10 A.M.

Located from Rt. 30 to Rt. 896. 10 Miles South of Strasburg along Rt. 896 to the Village of Ninepoints. First lane on left.

#330 & 360 Homelite chain saws; Briggs & Stratton engine 2 1/2 hp., 2-3 hp., & 1-5 hp.; 2" boaring machine; 2 kerosene heaters; Rigid pipe threader 1" thru 2"; pipe vise on three foot; water hydrant; bucket sprayers; 45 pc. tap & die set; 5/8 chuck drill press; 5 speed; galvanized & plastic pipe fittings; plastic pipe; spouting fittings; grease guns & cartridges; stove pipe bender; stove pipe; fans; milk cans; v belts; log chains; handy man jacks; push mower; new tools; hand saws; 20 skill saw blades; 2" framing chisels; nails; thousands of bolts; ads; digging irons; picks; No. 63D handle manure forks; No. 14 alum. shovels; new wheel barrows.

1400 ft. walnut & 1300 ft. cherry seasoned lumber; other lumber; louvered shuttered; 40 ft. wooden ext. ladder; small ladders; snow fence; barb wire; 4 rolls page wire; tobacco lathe; shears; spears; pot belly stove.

2 Wood boxes; mail boxes; single metal bed w/mattress; adding machine; meat slicer; bread mixer; clocks; dishes; dated jars; crocks; grinder; butchering tools; scalding trough; turning chains; sausage stuffer; 2 ladders; stirrers; 2 wooden tubs; scrapers; single trees; hog waterers & feeders; iron troughs; calf hutch; wooden nail keg; one hole corn sheller.

206 Manure spreader webs; McCormick Deering 5 ft. mower; spring wagon; dirt scoop; cement mixer; cast iron JD plow parts; binder twine & paddles; new culti. shovels & sweeps; threaded rods; twp. road scraper on wheels; N.H. mower knives & rake teeth; McC D & J D gards.

12 Gauge Shot Gun; 22 Rifle.

Items to numerous to mention. Not responsible for accidents day of sale. Refreshments available. NO OUT OF STATE CHECKS.

Terms by
MENNO S. BEILER

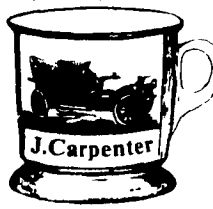
Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk



KREIDER & KLINE
AUCTION SERVICE

WANTED

Will Pay \$100 each for old shaving mugs with pictures of men at their occupations and trade designs like bakers, miners, R.R. trains, firemen, doctors, farmers, etc.



R.D. 5, Box 275
Montague, N.J. 07827
Ph. (201) 293-7297

PUBLIC AUCTION

AT RUDNICK'S SALES,
ROUTE 213, GALENA, MARYLAND
SAT., JULY 12, 1986
AT 10:30 A.M.

ESTATE OF JULIAN RALPH GRAHAM AND OTHERS: FURNITURE AND ANTIQUES: Cherry Period Bird Cage Tilt Top Table, Q.A. Mirror, Pa. Tulip Quilt, Blue & White Bird & Heart Quilt, Ant. Frames & Pictures, Ant. Brass Fireplace Tools, 2 Pc. Pine Hutch Cupboard, Tiffany Style Lamp & Hanging Fixture, M.T. French Stand, GWTW Lamp, (2) What-Not Stands, School Master's Desk, Mantle Clock, Floor Lamps, Sewing Stand, Odd Pcs. Of Canton, China Tea Pots, Oak China Closet, Ruby Glass Hanging Lamp, Oil Lamps, Umbrella Stand, Pictures & Prints, Set Of English China, Cut Glass, Spode & Wedgewood China, Small Chippendale Style Sofa, Assortment Of Oriental Rugs From Throw to Room Size & Runners, French C1700 Hand Gun (Pin Fired-12 Shot), Jewelry, Silver, & Sterling, Some Old Tools, Small Victor Victorola W/Horn, Ant. English Barometer, Old Oil Painting, Statue Of Lincoln, Oak And Marble Top Wash Stands, Carnival Glass, Antique Candlesticks, Ant. Mahogany 4 Door Cabinet, Marble Top Dresser And Matching Wash-Stand, Victorian Beds, Refrigerator, Freezer, Etc. Epsom Computer Printer MX-80, Washer, Dryer, Dining Room Set, 6 Chippendale Style Chairs, Slant Desk, Double Drop Leaf Table, Chippendale Style 4 Drawer Chest, Antique 1 Drawer Stand, Oak Glass Door Bookcase, Sideboard, Wicker And Bamboo Porch Furniture, Desk, ETC... And Many More Items To Numerous To Mention...

OUR NEXT ANTIQUE AND FURNITURE SALE WILL BE HELD
SATURDAY AUGUST 9th, 1986

Harry Rudnick & Sons, Inc.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, Md. 21635
Phone: 301-648-5601

GOOD'S AUCTION

111 North Maple Ave. Leola
Hay and Straw Sales
Every Wed. At 12 o'clock noon

Farm Machinery sales first Wednesday of every month only. Feb. thru May. Further sales dates will be announced later.

Hardware and tools 9:00 o'clock
Building Material 11:30
Lawn and Garden 12:00
Followed By Machinery

No Household Goods
No Junk

No Out Of State Checks
GOODS AUCTION

111 North Maple Ave.
Leola, PA. 17540

Auction House
#000014-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT. SEPT. 6 - 10AM Hay Sale. On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

MON. SEPT. 8 - Lebanon Valley Auction Co. Fall Machinery Auction Lebanon Area Fairgrounds, Lebanon, PA. Harry H Bachman, Auct.

THU. & FRI. SEPT. 11 & 12 - Two Day Sale of Farm Equip. located at Marion, PA, just east off Rt. 81. Ralph W. Horst, Manager, Marion, PA.

FRI. SEPT. 12 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81.

FRI. SEPT. 12 - 5:30PM Gap Auction. Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

SAT. SEPT. 13 - 10AM Flea Market. ON PA Rt. 24 between Stewartstown & New Park York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners

FRI. SEPT. 19 - 7:30PM Disaster Relief Heifer Auction. Sponsored by the Church of the Brethren at the Lebanon Area Fairgrounds. Clair Kreider, Mgr., 717-464-5033.

FRI. SEPT. 19 - 9AM Farm

Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI. SEPT. 19 - 6:30PM Feeder Pig & Feeder Cattle Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

FRI. SEPT. 19 - 5:30PM Gap Auction. Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

SAT. SEPT. 20 - 9AM Loy F. Hare Estate 100 Years Accumulation of Fine Antiques, HH, Lawn & Garden Eq., Lumber, etc. Located off Rt. 34 midway between Mt. Holly Springs & Carlisle turning E. on Rt. 174, 7 mis. to Allen (Churchtown) thence turning S. at square to 348 Old Stonehouse Rd in Cumberland Co., PA Clair R. Slaybaugh, Auct.

PUBLIC SALE

REAL ESTATE, ANTIQUES
HOUSEHOLD GOODS, TOOLS,
CARS

CLAY TOWNSHIP
SATURDAY, JULY 12, 1986

At 9 A.M.

CARS AT 1:30 P.M.

REAL ESTATE 2 P.M.

Located at 380 Wood Corner Rd., Clay Township, Pa. Directions: Rt. 322 West of Ephrata turn south on Wood Corner Rd.

2 ACRES M/L

2 STORY LOG & FRAME HOUSE — LARGE 1 CAR GARAGE.
Several outbuildings. ARCHED STONE COLD CELLAR.

Lot size — 2 acres and 6 perches — 522' frontage M/L by 185', M/L depth.

This spacious country real estate has many possibilities.

ANTIQUES &
HOUSEHOLD GOODS

Blanket Chest; Oak Drop Leaf Table; Pressed Back Oak Chairs; Bentwood Rocker; Oak Rocker and Straight Chair; Oak Parlor Table; Bedroom Suite; 6 Half Spindle Kitchen Chairs; Half Spindle Rocker; Dresser; T.V.; Wooden Rocker; (Oak Cabinet Treadle); Buffet and China Closet; Wooden Kitchen Cabinets.

Clothes Tree; Trunk; Wicker Table; Deep Well Picture Frame; Utility Cabinets; Formica Breakfast Set; Card Table; Folding Table; Porch and Lawn Furniture; Kerosene Lights; Radios; Scanner; Electrolux Cleaner; Maytag Wringer Washer; Gas Stove; Air-Conditioner; Afghan; Comforter Quilt; Fancy Work; Linens; Sheets; Advertising Items; Old Cookbooks.

Carnival Glass Bowl; Pink Depression Bowl; Sugar Bowl; Pitcher; Green Depression Desserts and Bowls; Patterned Glass Bowls; Aunt Jemima Salt & Pepper; Chicken on Nest; Nest of Earthen Bowls; Earthen Pie Plates; Guardian Aluminum Cookware; Campfire Marshmallow Tin; Coffee Grinder; Balance Scales; Flat Iron and Trivets; Galvanized Tub; Agate Items.

B & D Circular Saw; 2 Man Saw; Drill Press; Bench Vises; Drawing Knife; Wrenches; Socket Sets; Punches; Grinder; Saws; Pipe Vise; Wooden Level; Ladders and Stepladders; Apple Picker; Garden Tools; Potato Fork; Scythes; Upper and Lower Mechanics Tool Cabinet; Battery Charger; Car Manuals and Catalogs; Antique and other Car Parts; Old Oilers; Old Car Radios; Floor Jack; Car Creeper; 2 Old Hudson Cars for parts; Oil; License Plates; Rototiller; Planet Jr. Garden Tractor; SIMPLICITY RIDING MOWER, 8 h.p. electric start; Garden Cart; Rotary Power Mower.

1949 HUDSON 4 DOOR SEDAN
1 Owner, Good Condition

1946 HUDSON 2 DOOR COUPE
(Working Condition)

Stevens 12 ga. Shotgun; Springfield .22 ga Rifle.

Terms by:

FRANK M. STEINMETZ ESTATE

T. Glenn Horst, Auct.

AU000438L

717-859-1331 or 738-1245

Timothy G. Horst, Auct.

AU001767L

Eaby & Eaby, Attys.

"SHORT NOTICE" REAL ESTATE AUCTION

Log Cabin on 2 Acres
SATURDAY, JULY 19, 1986
11:00 A.M.

PROPERTY MUST BE SOLD!

LOCATION: Greenwood Twp., Juniata County. Take Rt. 322 West of Harrisburg to Thompsontown Exit turn Right on Rt. 333 East to East Salem, turn Right on Rt. 235 South thru town of Maze, approx. 3 miles to McCoy Rd., turn left 1 mile to property on Right.



2 Story log house sided w/clap board and alum. siding, eat-in kitchen w/cabinets, living room w/picture window - hardwood flooring, 2nd floor has 3 bedrooms and full bath. House is furnished with electric, well and septic systems, and Coal hot air furnace. New shingle roof, spouting and soffit. Concrete porch and full basement w/stone foundation. Lovely rural setting w/plenty of level lawn area. Ideal hunting cabin site, retreat, or residence. Only 9 miles off Rt. 322, minutes to Bald Eagle State Forest Lands.

PROPERTY MUST BE SOLD!!

For Complete Details Call

Auctioneers at 717-733-1006

OPEN HOUSE:

SATURDAY, JULY 5 & JULY 12
from 1 to 4 P.M.

TERMS BY:

LAVERNE & ELLEN KEENEY

717-738-1566

Auction Conducted By:
Randal Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
Lic. #AU-000499-L



KLINE & KREIDER AUCTIONEERS
345 W. Mt. Airy Rd., Stevens, PA.

J. Robert Meyers, AU-000-601-L
Alleman and Smith

Auctioneer
Clerks

PUBLIC SALE

OF PERSONAL PROPERTY

Of the Estate of Gerald G. Dayton,

deceased, late of Green Township, Franklin County, Pa., will be held on the premises at 1006 Elevator Street, Scotland, Pa., the north end of Scotland, 4 miles north of Chambersburg, Pa., on:

TWO DAYS:

THURSDAY, JULY 10, 1986, at 8:00 A.M.

SATURDAY, JULY 12, 1986, at 8:00 A.M.

THURSDAY, JULY 10, 1986 at 8:00 A.M.

FARM EQUIPMENT AND OUTSIDE ITEMS

International Harvester Model 584 wide front end diesel tractor with 365 hours, with Model 2250 hydraulic 8-ft. loader, like new; Oliver Model 550 wide front end gasoline tractor in good condition; Frick 8½x10 portable steam engine; 1½ H.P. International Harvester gasoline engine; Massey Harris Model 16 H.P. tractor with all-weather cab, 48" mower, 3-pt. hitch scraper blade and front and rear P.T.O.; Arctic Cat Model 440 Panther snowmobile and trailer; New Holland Model 479 P.T.O. haybine; Massey-Harris 4-row corn planter; 2 Bale King rubber-tired wagons; New Holland Model 276 baler with bale thrower; Smoker 24-ft. elevator; New Holland 7-ft. 3-pt. hitch mower; Pinto 4-wheel rake; Oliver transport disk harrow; 3-bottom Oliver plow; rubber-tired wagon and flat; rubber-tired wagon with grain bin; 2-wheel rubber-tired manure spreader; 5 wood frame spring tooth harrows; one horse high wood wheel wagon; two horse wheel wagon and bed; bale conveyor; 2 horse plows; dump rake; 2 wheel cart; 3 P.H. lift; mini bike; pair of new louver ventilators; 3 rolls of new wire fencing; 2 fuel tanks; 9 bundles of new roofing shingles; log chains; garden tractor; wheelbarrow; commercial sewing machine; 26 pieces of 4'x8' flake board; new lumber; new gates; 3 P.H. scraper blade; lawn vac.; gasoline motors; wagon whip; blow torch; load binders; tie and log chains; 24-drawer cabinet of screws and bolts; creeper; McCulloh Model 50 chain saw; new car ramps; horse housings; pulleys; grindstone; meat bench 6" vise; roll roofing; ladders; new and used lumber; kettle furnace; 6 meat grinders; sausage stuffer; copper apple butter kettle; stirrer; new handles; salamander heater; building jacks; toe cables; work bench; cap for 8-ft. pickup with refrigerator, stove and sink; many items not listed; etc.

Terms: Cash.

SATURDAY, JULY 12, 1986, at 8:00 A.M.

FURNITURE — Maple 3-door hutch; mahogany bookcase; Emperor cherry case grandfather's clock; cherry roll-top desk; fine old cannonball brass bed; brass clothes tree; marble top brass stand; bentwood chairs; old victrola; music cabinet; child's rocker; doll crib; rockers; blue glass coffee table; TV; oak desk; cherry cabinet sewing machine; night stands; cedar chests; 3-piece bedroom suite; blanket chest; 4 bar stools; lawn chairs; wringer washer; G.E. automatic dryer; oval stand; Hotpoint double door refrigerator; Hotpoint 30" electric stove; doll china closet; Duncan Phyfe dropleaf table; fainting couch; sewing machine; Coldspot upright deep freezer; good springs and mattresses; etc.

MISCELLANEOUS — Dome type mantel clock; pair brass lights; brass vases; brass tea kettle; brass bells; 2 brass and copper candle stands; iron frogs; iron dogs; cow bells; small steam engines; cameras; shadow box; portable typewriters; butter prints; oval walnut frames; lumberman's rule; buttons; old 78 records; luggage; electric broom; Hoover sweeper; corner what-not rack; large cedar what-not rack; C.B. electric adding machine; meat saws; baskets; land measuring wheel; metal shelving; electric fans; binoculars; slaw board; griddles; skillets; Kerosun heater; Coleman cooler; spice set; mantel clock; portable sweeper; scales; fluorescent shop lights; garden and hand tools; trusses lanterns; steelyards; books; heaters; polisher; box dial pins; B&D work mate; Craftsman 10" radial arm saw; 6" jointer; 10 furniture clamps; buck saw; wooden classroom printer's set; old accordion; wagon seat; shop rack; electric drill; drill bits; hay hooks; 6 buggy robes with horse, flower and orange decorations; comforts; towels; pillows; afghans; blankets; set of porcelain-handled knives and forks; pots; pans; New Haven Model 80-22 rifle; etc.

CHINA-GLASS-CROCKERY — Crocks; china cow family; egg plates; butter pats; toothpicks; creamer and sugar; cups and saucers; chickens; 2 Shirley Temple pitchers; salts; paper weights; carnival glass; nut dishes; Corning glass; owl dishes; planters; spittoon; etc.

Terms: Cash.

AUCTIONEER'S NOTE — Inspection sale day for each sale. We must start early — 8 A.M. Sale signs will direct you to sale. The late Mr. Dayton loved to collect. Lunch stand reserved. Not responsible for accidents.

EXECUTRIX

JOYCE C. TUCKER

Joel R. Zullinger, Attorney
310 Chambersburg Trust Co. Bldg.
Chambersburg, Pa. 17201

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. SEPT. 20 - 10 AM
Hay Sale On PA Rt. 24
between Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

SAT. SEPT. 20 - 9AM Real
Estate, Farm Tools, Farm
Eq., HH, Antiques.
Located 4 mis. SW of
Millersville, 1 mi. N. of
Safe Harbor, along Walnut
Hill Rd., Manor Twp.,
Lanc. Co., PA. Anna M.
(Parke) Kauffman, Owner.
Differbach's Auction
Service.

FRI. SEPT. 26 - 7PM New
Saddle & Tack. Red
Carpet Horse Sale.
Cambria Co. Fairgrounds,
Rt. 219N., Ebersburg, PA.
K. Hines, C. Rowe.

FRI. SEPT. 26 - 5:30PM
Gap Auction. Antiques &
HH sold at every auction.
Located off Rt. 41,
Lancaster Turkey Hill
Minit Mkt., cross RR
bridge. Ira Stoltzfus &
Son, Auctions.

SAT. SEPT. 27 - 12 Noon
Catalog Registered Horse.
Red Carpet Horse Sale.
Cambria Co. Fairgrounds,
Rt. 219N., Ebersburg, PA.
K. Hines, C. Rowe.

SAT. SEPT. 27 - 11AM
Horse Sale. Keister's
Middleburg, Auction,
along Rt. 522, Mid-
dleburg, PA.

SAT. SEPT. 27 - 10AM Fall
Heifer Sale. New Holland
Sales Stables, Inc., New
Holland, PA.

SAT. SEPT. 27 - 10AM
Flea Market On PA Rt. 24
between Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners

SAT. SEPT. 27 -
Powerline, Erection, &
Construction Eq. For
Henkels & McCoy,
Strinestown, PA.
Vilsmeier Auct. Co., Inc.

Managed by: Buzz Garey,
Garey Cattle Sales.

OCTOBER

WED. OCT. 1 - Annual
Cow Show & Sale-Show
9:30AM; Sale 12 Noon. At
the Belleville Livestock
Mkt., Inc., Belleville, PA.
Good Line of Registered &
Grade Dairy Cattle.

FRI. EVENING OCT. 3 -
Franklin Co. Holstein
Breeders Sale at Franklin
Co. Fairgrounds, seven
miles southwest of

Chambersburg. Ralph W.
Horst, Mgr. & Auct.

FRI. OCT. 3 - 7PM New
Saddle & Tack. Red

Carpet Horse Sale.
Cambria Co. Fairgrounds,
Rt. 219N., Ebersburg, PA.
K. Hines, C. Rowe.

COMPLETE EQUIPMENT DISPERSAL

OF
The Estate of Dennis McCarty III
SATURDAY, JULY 12, 1986
10:30 A.M.

Delaplane, Virginia

COMPLETE LINE OF EQUIPMENT

•• Including ••

I.H. 547 Tractor, Deutz 4006 Tractor, 73' FS
700L Mack, E-Z pull 30ft. trailer, Double D
16ft. trailer, C20 pickup, I.H. 425 baler, I.H.
1190 Mower Conditioner, Fahr hay tedder, NH
353 Grinder mixer, (New in 85') Vermeer 605 C
baler, Disk Cattle Handling Equipment

Plus Antique & Horse Drawn Equipment

1 Horse 4 Wheel wagon

2 Horse 4 Wheel wagon with a 5th wheel

1 Horse 4 Wheel buggy

1 Horse 2 Wheel cart with springs

1 Horse 4 Wheel Hunting buggy



For Free Brochure Contact Sales
Manager
COLEMAN SALES INC
Route 4, Box 14
Scottsville, Virginia 24590
703/286-2743

EST. OF DR. WM. W. HOWE JR.
PITTSFORD, NEW YORK

AUCTION

TUESDAY, JULY 8, 1986

at 5:30 P.M.

Sale to be held just south of 406 Mendon Center Road, 3 miles
south of Pittsford, NY, 10 miles southeast of Rochester, NY, 1
mile east of Rt. 65 (Clover St.) take Willard Road off Rt. 65 to
Mendon Center Road, follow auction Arrows.

CARRIAGES AND HORSE EQUIPMENT

Park Phaeton; Park trap carriage; cut under 5th wheel vehicle for events;
2 wheel Village cart; Beach wagon; 2 sleighs; several sets of driving
harness, single and double, including Freedman single harness; flat rack
wagon with seat; 2, two horse trailers; several English saddles and
bridles; halters etc. 4 carriage lights.

ADDED CONSIGNMENT: Argent Stables of Gasport, NY have consigned
their lifelong collection of antique vehicles, harness, and horse related
items including: lovely barouche, sound condition; Coupe rockaway,
undercut, glass front and doors, side curtains; nice Rally cart; English
driving Phaeton, undercut for pair; Surrey with fringe top; 4 seat trap with
rubber tires, reversible seats in rear; side spring carriage with jump seat;
salt cart with rubber tires; 2 seated break; single seat runabout; Viceroy
with pony and horse shafts; hayride wagon with rubber tires, hyd. brakes,
adjustable sides for team; Quebec sleigh with wood runners; 2 bob sleighs,
one built by Empire Park Carriage Co., Syracuse, NY; complete rebuilt
5th wheel for carriage; Merhow 4 horse trailer, 5 ft. dressing area, 7 ft.
overhang. Many other items including saddles, bells, chimes, clippers,
robes etc.

TRACTOR, SHOP TOOLS, TRAVEL TRAILER

Ford 8N tractor with loader; 1970 Merze travel trailer, small; 2 wheel
trailer; Lincoln 225 amp welder; Craftsman table saw; Craftsman drill
press; hand tools; quantity nuts, bolts, etc.; lots of garden tools.

MISC. ITEMS

Wine press; corn sheller; bone grinder; wood butter churn; quantity of
prints and picture frames; bottles; several stack chairs; bicycles; duck
decoys; approx. 20 wicker baskets; dozens of box lots; much misc. stuff.

TERMS: Cash or good check evening of sale. Nothing removed until set-
tled for.

OWNER:

EST. OF DR. WM. W. HOWE JR.

HARRIS WILCOX, Inc.
Sole Managers and Auctioneers



Bergen, N.Y. 14416
Phone 716-494-1880



FARM MACHINERY - ESTATE AUCTION

14 Tractors - Dozers - Ldr. Tractor - Skid Ldr.

SATURDAY, JULY 12, 1986 AT 9:30 A.M.

CENTERVILLE, N.J.

For the Estate of Henry Smithana, located on Case Rd. 1/4 mile
south of Old York Rd. 1/2 mile east of Rt. 202, 7 miles N.E. of
Flemington, N.J. (Centerville Exit).

9:30 A.M. - Some old furniture from the old house! SIGNS - BF Goodrich, Flem. Auction
Market. GE refrigerator, New Sears vented oil heater #600. 10: A.M. - milk cans, lots of NEW
machinery parts, tractor hitches, cylinders, pulleys, Farm gates, forks, cement mixer, Surge
milk pump and buckets, tires, oil tanks w/pumps, many tractor chains, various lumber, 2-275
gal. fuel tanks, corn sheller grinder.

1: P.M. - 14-TRACTORS - 12 INTERNATIONALS - #2400 utility 3 PTH w/2050 hyd. loader-2
bkts-cab-Real Sharp, Cub #154 w/turf tires - 3 PTH - 5 ft. belly mower-snow plow - Real Sharp,
806 w/2PTH, 706 w/2PTH, #300 utility w/hyd loader, #200 w/hyd drawbar, 2 - Super C's sharp, #400
w/2 PTH, B for parts, T-5 crawler, DOZER - 3 PTH-PTO, T-9 Crawler DOZER. Ford 2110
w/3PTH turf tires WF sharp. Case #1816 hydrostatic SKID UNI-LOADER - sharp, lots of weights.
1977 1/2 ton Chev. pkup, 1977 Buick Skylark 2D car, 1941 Chev. 6000 w/good 8 ft. body. FARM
EQUIP. - NH #707-3 PTH field chopper w/1 row corn hd., NH #36 flail chopper. JOHN DEERE
EQUIP. - #24T baler w/kicker, #115 and #110 chuck wagons, 3 PTH-2 row corn planter, blade. IHC
EQUIP. - 10 ft. 2 PT disc, 8 ft. disc, 1-PT-5 ft. disc, 2PT-3 and 4 btm plows, 2 btm. plow, New disc
and plow apart, 2 PT - 7 ft. mower, 2 drills-16 and 13 holes, Sub soiler, 10 ft. roller harrow, new 8
ft. Spring harrow, 2 PT cart, new #2000 loader frame and bkt, #28-5 ft. rotary mower, 3 PTH fert.
spreader, 1 row corn picker, chopper w/motor direct cut. OTHER MAKES - NI #210 manure
spreader, Papec chopper blower, Case rolla bar rake, New-NI rake apart, 6 ft. snow plow
w/frame, Kools hopper blower, lime spdr., 7 ft. blade. 3-tube HAY ELEVATORS approx. 2-25 ft.
and 1-33 ft.

2:30 LANDSCAPE EQUIP. - Lickity Wood Chipper PTO-IND. 8 ft. 3 PTH York Rake, Mott 3
PTH-6 ft. Hammer Knife mower, Danuser 3 PTH hole digger, good 2 wheel metal trailer.

NOTE - Henry kept all of his tractors and most of the equipment under cover and in good
condition! This sale will benefit both the large and small farmer. Plan now to attend this Sale!
Not responsible for accidents!

INSPECTION ONLY! July 10 and 11 from 12 Noon to 4 PM! Please Plan to REMOVE
EQUIPMENT SALE DAY! Lunch!

TERMS - N.J. Res. Cash or Good Check w/proper ID Paid in Full Sale Day! OUT OF STATE
BUYERS - CASH OR GUARANTEED FUNDS or Current Bank Letter of Credit stating
amount you can spend up to on July 12, 1986 at Smithana Estate Auction! By Order of
Administrator of Estate!

SALE CONDUCTED BY:

COL. FRED R. DANIEL AUCTIONEERS INC.

Neshanic Sta., N.J. 201-369-4784

(A Full Service Auction Co.)

PUBLIC AUCTION

SATURDAY, JULY 12, 1986

At 9:00 A.M.

Two miles west of Huntingdon, PA on
Route 22 at Warrior Ridge Fruit Market.
The personal property of the late Clair
Hassenplug.

HOUSEHOLD AND ANTIQUE ITEMS: 3 pc.
bedroom suite; other 3 pc. bedroom suites;
rope bed; other beds; night stands; small
stands; oak dresser; oak chest of drawers;
vanity; round oak ex. tables; square oak ex.
tables; mahogany ex. table and chairs; oak
rockers; other rockers; press-back chairs; oak
chairs w/comp. seats; plank bottom chairs;
Victorian chairs; other straight chairs; oak
buffet; oak server; kitchen stove; kitchen
cabinet w/flour bin; library tables; oak wash
stand; Silvertone victrola; Silvertone radio
w/horn; Airline floor model radio; oak war-
drobe; oak cupboards; grandfather clock; wall
pendulum clock; Joe Louis clock; spinning
wheel; Royal wood ice box; mahogany desk;
dough box; Victorian love seat frames; pool
cue holder w/mirror; child's rocker; spool
cradle, horse and cart; rocking horse and
books; mahogany showcases; other
showcases; treadle sewing machines; sewing
table; deer head clothes racks; old restaurant
seats; Fisher's bread box (Huntingdon);
violin; autoharp; weather vane; beveled
mirrors; picture frames; Oliver typewriter;
oak fireplace frame; coffee grinder; large
brass and copper coffee maker; sad irons;
cherry seeder; curved top trunks; dishes;
lights; tinware; tinner tools; cast iron tea
kettle; coleslaw cutter; old books; old Sears
and Wards catalogs; Life and Look magazines;
old clothing; old scales; wood kegs; oil heater;
milk bottles; other bottles; Tiger tobacco
boxes; Cinco cigar advertisement; old gas
pump; other gas advertisements; wooden tub
washers; cutting box; food dryers; lanterns;
pinball machine; crocks; jugs; barn jacks and
other items.

TERMS: Cash

Lunch Available

DARREL FEAGLEY, Administrator

Dale Gibboney, Auctioneer

AU-335 L

**STOP****LOOK****THINK**

★ IT'S SHOWTIME IN SMOKETOWN ★

Keenline All Reg. Holstein Herd Dispersal For Harold & Sue Keener & Family ★★ Telford, PA, Montgomery Co.

Complete Dispersal - Milking Cows, Heifers - Bred & Open Heifers to Baby Calfs.

To be held at Smoketown Quality Dairy Sales, Smoketown, PA. Rte. 340

NOTE: Date changed to Thursday, July 10, 1986- 8:p.m. D.S.T.

30 Day T.B. & Blood Test for Interstate. Certified & Accredited DHIA- 57 lb. Avg 14,600 Herd Avg. 520F. BAA 102.7. All Home Raised- All Calfhoo Vacci. Avg. Age 3 to 4 years old. Young, Fancy Uddered herd of cows- Several Blue Ribbon 4-H Animals with Pedigrees cow family's. DAMS- Dtrs & Grdams. Herd never pushed for high production This herd was in the top ten for milk- Fat & type in Montgomery Co. in 1977 thur 1984 Herd housed in free stalls- milked in staunchions- feed at bunk feeder All sire power & A.I. Bulls Fall Herd 21 cows due June- July to Dec Innoculated for shipping fever

Sires

Jet Stream, Chairman, Van, Creek, Gemini, Sexsation, Stewart, Spirit, IRA, New Hope, Lone Ranger

SERVICE SIRES

Ned Boy, Chairman, Stewart, Sammy, Standard, Lone Ranger.



Top Uddered Jet Stream 60 lbs.
G.P. 82 EX Udder V.G. Mammary

Left to Right: 2 Yr.
Jet Stream- 60 lbs.

4 yr. Astronaut Grd Dtr.- V.G. Mammary 90 lbs.
4 yr. Elevation Grd. Dtr. V.G. with EX Mammary 80 lbs.
3 yr.- VAN Dtr. 70 lbs.



--Most of Herd Traces to Keystone--

Queen Tracy V.G. 88- 9 yr. + 443m. + 28F.

6-2	339	21,080	4.3	902
8-8	305	23,833	3.9	922.
9-10	365	22,850	4.4	996.
11-10	305	22,380	4.5	1006.
Lifetime	202,092	4.3	8700.	

Helen- Sire Ocean View Sexation. Born 12-11-81.

2 yr. 10 months 312 Days 16,030 Milk 3 6 Test 573 Fat
3 yr. 10 months projected 22,583 Milk 759 Fat
w/heifer calf by Stewart. Born Nov. 85
Good Show Prospect.



Not Selling-Granddam of Floyd.

Floyd-
Reg.- Sire- Sweet Haven Tradition G.P. 80 2 yr. Born 5-17-82.

Cow Index +1172m. +14F.
1-11 317 12,630 419.
342 14,959 464.

Bull Calf by Ned Boy- Yearling heifer by Wiseman.

Dam- V.G. 86- 3 yr.
315 22,960 613.
315 23,350 740.
320 18,680 552.
Next DAM- 305 17,710 3.9 690.
339 21,200 3.6 762.



Trixie- Reg. Sire- Tora Matt Lawcer V.G. 86 3 yr. Born 3-1-81. Best udder as 2 yr. in Co. Show.

2-11 305 14,670 4.1 608.
3-11 305 16,230 4.1 671.
330 16,761 4.2 704.

Proj. 20,434m. 654F. - Bred 6-6-86 to Ned Boy.

Dam- Reg. Keystone Joy Boy 90 Ex. 6 yr.

2-1 360 17,660 3.7 656.
4-4 305 23,430 3.6 844.
5-6 349 32,320 3.7 1203.

Next Dam- 16,220- 20,140- 3.9- 656.

Heifer by Brounking Saul- Born March 16-86, Show Heifer.

Ex Dam 30,000 m.



Mac-Truck Reg.- Sire Skagvale Magnificent- V.G. 85. Born 8-3-81.

1-11 305 16,050 538.
3-3 305 16,900 563.

Proj. 20,639m. 99 lbs. Last Test.

Yearling heifer by S.W.D. Valiant.

Heifer- by Jetson- Son Born March- 86- Show prospect. Keystone First Jaycee.

DAM G.P. 83-
4 yr. 349d. 19,040 4.1 772.

TWO FULL SISTERS

Phanton- 4 yr. Elevation Grd. Dtr. V.G. with EX Mammary 80 lbs.

Phriski- V.G. 85- V.G. Mammary Proj. 18,000 675 with a Nov. calf by Standard.

THREE BULLS READY FOR SERVICE

Reg. Bull- Born 10-11-85- Sire S-W-D Valiant.

DAM- G.P. 82 +vv+ 22222222
22102

Highest Butter Fat in Lanc. Co. As 4 Yr. Old.

4-9	350	26,609	4.5	1214
5-10	350	22,292	4.5	1001
8-2	324	26,064	4.4	1157

Starting to breed heifers.

Reg.- Bull- Born 3-10-85.

Sire- Wileeda Citation R.

DAM- 3 yr. 305 21,809 614.

Grdam 21,420 695.

Grade Bull- Sire Bossman- Born 2-17-85.

Dam- 2 yr. 305 20,985 3.5 732.

3 yr. 305 26,982 3.6 974.

Grdam 305 25,558 3.5 900.

—Private Sale on Farm—

500 Gal. Girton Tank
Direct Expension. Good Shape.
Call 1-215-723-4614

—Selling at Beginning of Sale—

4 Nu-Pulse Units. Dumping Station Ready to go.
2- 60 lb. Pails. Automatic Washer.
2- 40 lb. Pails.

DAIRYMEN

These Are The Next Reg. Foundation Cows, & Heifers For Your Herd Replacements.

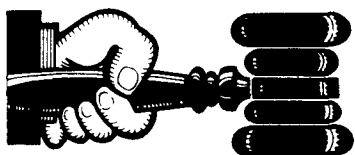
Catalogs Night Of Sale

**SALE MANAGED BY
SMOKETOWN QUALITY DAIRY SALES CO.**

Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date - Monday, 5:00 P.M.
of each week's publication



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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Value!

FOR INFORMATION CALL

BOB (717) 442 4181
(215) 458 8518

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Licensed and Bonded
"Eastern Pennsylvania's Foremost
Auction Company."

SAT. OCT. 4 - 9AM Used
Tack, Harness & Equip-
ment. Red Carpet Draft &
Driving Horse Sale.
Cambria Co. Fairgrounds,
Rt. 219N., Ebensburg, PA.
James Howard, Chris
Rowe, Kevin Hines.

SAT. OCT. 4 - MD Polled
Hereford Assoc. Red,
White, Blue Sale Plus Club
Calf Sale. At the Frederick
Fairgrounds, Frederick,
MD.

SAT. OCT. 4 - 10AM Hay
Sale On PA Rt. 24 be-
tween Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

FRI. OCT. 10 - 1:30PM PA
State Graded Feeder Pigs.
Carlisle Livestock Market,
Exit 12 off I-81.

SAT. OCT. 11 - 10AM Flea
Market On PA Rt. 24
between Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

MON. OCT. 13 - River-
wood Dispersal at
Riverwood Farms, Powell,
OH. Buzz Garey, Garey
Cattle Sales.

FRI. OCT. 17 - 6:30PM
Feeder Pig & Feeder
Cattle Sale. Keister's
Middleburg, Auction,
along Rt. 522, Mid-
dleburg, PA.

SAT. OCT. 18 - 10AM Hay
Sale On PA Rt. 24 be-
tween Stewartstown &
New Park. York Co.
Livestock Sales, Ltd. Stan
& Mary Nagle, Owners.

TUES. OCT. 21 - 11AM
Complete Purebred Herd
Dispersal located 5 mis. S.
of New Holland, 4 mis. E.
of Intercourse. New
Holland, RD 2. Terms by
J.S. Diener & Sons Paul

Snyder, Auct.

FRI. & SAT. OCT. 24 & 25 -
Construction Eq. &
Trucks. For Associated
Builders & Contractors,
Harrisburg, PA Vilsmeier
Auct. Co., Inc.

SAT. OCT. 25 - 11AM
Horse Sale. Keister's
Middleburg Auction, along
Rt. 522, Middleburg, PA.

WED. OCT. 29 - 9AM
Dairy Show & Sale. New
Holland Sales Stables,
Inc., New Holland, PA

NOVEMBER

SAT. NOV. 1 - 10AM Hay
Sale On PA Rt. 24 be-
tween Stewartstown &
New Park. York Co.
Livestock Sales Ltd. Stan
& Mary Nagle, Owners.

FRI. NOV. 7 - 9AM Farm
Eq. New Holland Sales
Stables, Inc., New
Holland, PA.

FRI. NOV. 14 - 1:30PM PA
State Graded Feeder Pigs.

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each
month
2 P.M.
Horse Auction
2nd Saturday each
month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE

Marshall, Va
703-364-1566

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH 717-786-3016

Complete Farm Dispersal Clinton Twp., Wayne County



Located on Route 296, 4 miles from
Waymast Corners, 12 Miles West of
Honesdale, 10 Miles South of Pleasant
Mount, and 12 Miles North East of
Carbondale, Watch for arrows.

SATURDAY, JULY 12th, 1986

11:00 A.M.

78 Registered and Super Grade Holsteins 78.
This offering includes 57 milking age, 2
Registered, 1 Red & White 3 yr. old dam. Triple
Threat Fresh in April, a fancy Lehmanstead
Bootmaker Kinney dau. due in Sept. A top
group of grades with good H.A. records in
progress. This top Wayne County herd consists
of young, good uddered cows in good condition
and outstanding type, 2 bred heifers, 1 reg.
Coldsprings Ida daughter, 7 big open heifers, 12
calves 6 mo. to 1 yr., 1 a R & W grade Triple
Threat. Majority of young cattle calfhood
vaccinated, 30 day TB & Blood Test, Interstate
Charts day of sale.

David Brown 885 tractor, Farmall M, Far-
mall A, NH 489 Haybine, NH 256 rake, Fahr
Tedder, 2 NH 268 Balers, (1 with No. 3 Thrower,
1 with No. 55B Thrower, 2 Kicker Wagons, 2
Portable hay elevators, MF 3 btm. trip plows,
JD transport disc, Ontario grain drill, MF 2
row 3 pth corn planter, NH 718 chopper w/corn
& grass heads, Badger BN950 SU wagon
w/flotation tires, Butler 3 ton feed bin, IH 514
manure spreader (4 months old) Universal
pipeline system, 5 units, Rotary pump and 350
feet of 2 in SS line, (3 years old), variety of
waterbowls, etc. A top set of cattle and a line of
clean modern equipment sells on the 12th.
Mark the date and plan to attend this sale.

TERMS: Cash or approved check.

Lunch

THOMAS ROBINSON Owner
RD #1 Waymart, Pa.
Phone 717-785-3475
- 785-3731

Wayne Weaver Auct. & Sales Mgr.
RD #2 Tunkhannock, Pa
Ph. 717-333-4194

Dairy and Livestock Sales

Carlisle Livestock Market,
Exit 12 off I-81.

FRI. NOV. 21 - 6:30PM
Feeder Pig & Feeder
Cattle Keister's Mid-
dleburg Auction, along Rt
522, Middleburg, PA.

SAT. NOV. 29 - 11AM
Horse Sale. Keister's
Middleburg Auction, along
Rt. 522, Middleburg, PA

DECEMBER

FRI. DEC. 12 - 1:30PM PA
State Graded Feeder Pigs.
Carlisle Livestock Market,
Exit 12 Off I-81

PIGS

STATE GRADED SALE

FRI.,
JULY 11th
1:30 P.M.

AT
CARLISLE LIVESTOCK MARKET, INC.
Exit 12 Off I-81
(717) 249-4511
or

Evenings Jim, 249-2359

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY EVENING, JULY 11, 1986

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of Lan-
caster, Pa. just off Rt. 23,
New Holland, Pa.

Horses Hitched At 12:00 Noon
Tack 6:00 P.M. Sale 7:00 P.M.



- * 1 Load Work Horses and Mules consigned by Ward Wright.
- * 1 Load Work Horses and Driving Horses consigned by Bub Leonard.
- * 1 Load Driving Horses consigned by Clayton Waterbury.
- * 1 Load Driving Horses consigned by Jonas Beiler.
- * 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
- * 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:

Abe Dffenbach, Mgr. Norman Kolb
717-354-4341 717-397-5538
Next Horse Sale Fri. Sept. 5-7 P.M.

PUBLIC AUCTION

Located 6 mi. east of Greencastle, Pa. & 1 mile west of
Waynesboro, Pa. on Route 16; south of Cold Spring Road, right
on Marsh Road, then left on Hoover's Mill Road to farm.

TUESDAY EVE., JULY 8, 1986

At 7:00 P.M.

**58 Head of High Grade
Holstein Dairy Cattle 58**



Consisting of 8 mature dairy cows of which 3 have freshened w/2nd calf
in past 30 days, 5 head 3rd. to 5th calf to freshen from sale date to Sept. 1.
All have records from 15,000 to 20,000 milk and sired by: Jason, Columbus,
Sinnissippi, Milestone, Left off, Dairyman, Black Star. 39 bred heifers
consisting of 20 to freshen in July & Aug., 7 bred for Sept. & Oct., 7 bred for
Nov., 2 bred for Dec., 2 bred for Jan., 1 bred for Mar. 11 breeding age
heifers including a red & white. Heifers out of ABS sires such as: Mars,
Harvest, Baltimore, Elmer, Stoney & others.

All animals are home raised with good quality & size, pregnancy
examined by vet., dehorned, extra teats removed. Over 15 yr. on (GMS)
Genetic Mating Service. Bangs & T.B. tested for interstate shipment.

TERMS: Cash - Not responsible for accidents.

ENOS & MARY DILLER
Phone (717) 597-4175

Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz

Sale Held In Tent

Lunch Available
AU-00644-L

Loading Chute Available

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, Pa,
just off Rt. 23, New Holland,
SPECIAL DAIRY SALE CONSIGNMENTS

For

WEDNESDAY, JULY 9, 1986

**1 LOAD PUREBRED AND GRADE CANADIAN COWS,
FRESH AND SPRINGER,
CONSIGNED BY LEROY SMUCKER**

**1 LOAD PUREBRED AND GRADE CANADIAN COWS,
FRESH AND SPRINGER,
CONSIGNED BY BRIAN DAWSON**

- * 1 Load Fresh and Springer Cows consigned by Norm and David Kolb
- * 1 Load Fresh and Springer Cows consigned by Merle Breneman.
- * 1 Load Fresh and Springer Cows consigned by Marvin Eshleman.
- * 1 Load Fresh and Springer Cows consigned by Raymond Smucker
- * 1 Load Fresh and Springer Cows consigned by H.D. Matz.
- * 1 Load Fresh Cows consigned by Alfred Albright.
- * 1 Load Fresh Cows consigned by Dale Hostetter.

For More Information Contact:

Abe Dffenbach
717-354-4341

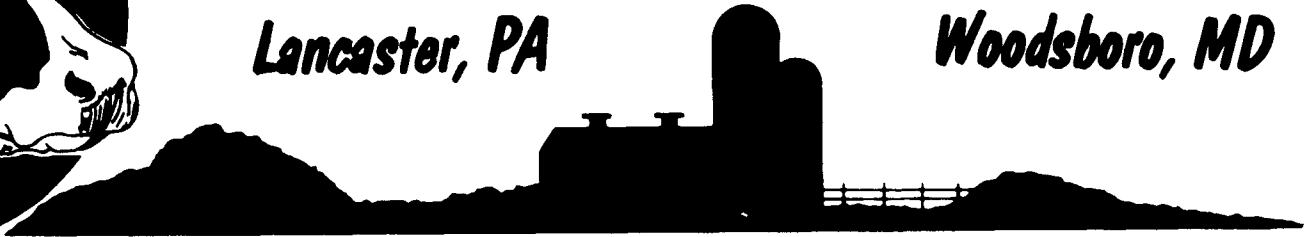
Norman Kolb
717-397-5538



MELVIN KOLB, INC.

Lancaster, PA

Woodsboro, MD



PRIVATE SALES DAILY . . . PUBLIC SALES MONTHLY

**600 Head Of Fresh Cows & Close Springers
Top Selection Of Purebred & Grade Cows & Heifers**

We Try To Pick The Top Ones From The Better Herds.

- Purebred Fresh Cows
- Purebred Springing Cows
- Grade Fresh Cows
- Grade Springing Cows
- Purebred Fresh Heifers
- Purebred Springing Heifers

- Grade Fresh Heifers
- Grade Close Springing Heifers
- Short Bred Heifers
- Open Heifers
- Purebred Stock Bulls
- Grade Stock Bulls

• TWO LOCATIONS TO SERVE YOU •

Lancaster, PA
717-569-6800/2106
Next Sale 150 Head
Thursday, Aug. 7, 1986
7:30 P.M.

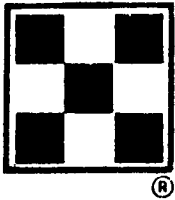
*** Dennis Kolb, Manager ***

Woodsboro, MD
301-898-7720/7663
Next Sale 150 Head
Thursday, July 17, 1986
7:30 P.M.

*** Thomas Kolb, Manager ***

★ Quality Holstein Herds For Sale ★
Registered & Grades — ALL SIZES

We Will Be Happy To Discuss Dispersal Plans With You.
Call Collect 717-569-6800/569-2106 for further details.



Dairy Products of the Month.

NEW... PURINA DAIRY COMPLETES

Test Cow, Milk Chow Special, Pipeline Special, Economy Special

Purina's new Dairy Completes are specially formulated to add the nutrients lacking in the producer's forages so the total feeding program meets the lactating cow's nutritional requirements. Tremendous flexibility exists across the product line so that you have products to compliment each dairy farmer's forage program, management system, level of production and financial goals. The result: Each dairy producer optimizes his resources yielding an improved cash flow, improved income over feed costs and better overall profitability.

Increase Your Profits Through:

- * Nutritional levels proven by the Purina Research Farm provide improved production, health, and reproduction.
- * Hundreds of tested formulas provide customized feed program for each producer.
- * Several fiber options to insure optimum production and butterfat.
- * Palatable, digestible ingredients provide consistent intake for consistent milk production.
- * Two effective buffers help enhance butterfat test.

See Your Purina Dealer Today!

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Richland, PA 17087

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Gordonville, PA 17529
717/354-0301

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1977 Philadelphia Avenue Box #358
Chambersburg, PA 17201
717/264-6148
Altenwald Div
717/264-6619
717/762-2390

**WARRIOR'S MARK FEED
CENTER**
P O Box #130
Warriors Mark, PA 16877
814/632-8623

HESS MILLS
Paradise, PA 17562
717/442-4183
Unionville, PA 19375
215/347-2377

UMBERGER'S MILL
R D #4 - Box #545
717/867-5161
Lebanon, PA 17042

PHILLIPS FEED SERVICE, INC.
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215/837-6061
Morgantown, PA 19543
215/286-9029
Germansville, PA 18053
215/767 3819

ALBRIGHT'S MILL
P O Box #195
Kempton, PA 19529
215/756-6022

CLARK'S AG CENTER
Main Street, P O Box #36
Turbotville, PA 17772
717/275-2613

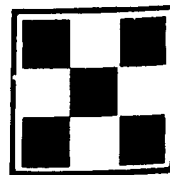
KEYSTONE MILLS
R D #3, Lancaster Avenue
Ephrata, PA 17522
717/354-4616

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

**WOODSTOWN ICE & COAL
CO., INC.**
50 East Grant Street
Woodstown, NJ 08098
609/769-0069

WEST WILLOW FARMERS' ASSOC.
R D #1
West Willow, PA 17583
717 464-3386

**PURINA
MILLS, INC.**



Feeds designed with you in mind.